Kelsey's Hardy American Plants and Specimen Evergreens



Foto by Harlan P. Kelsey at Arnold Arboretum

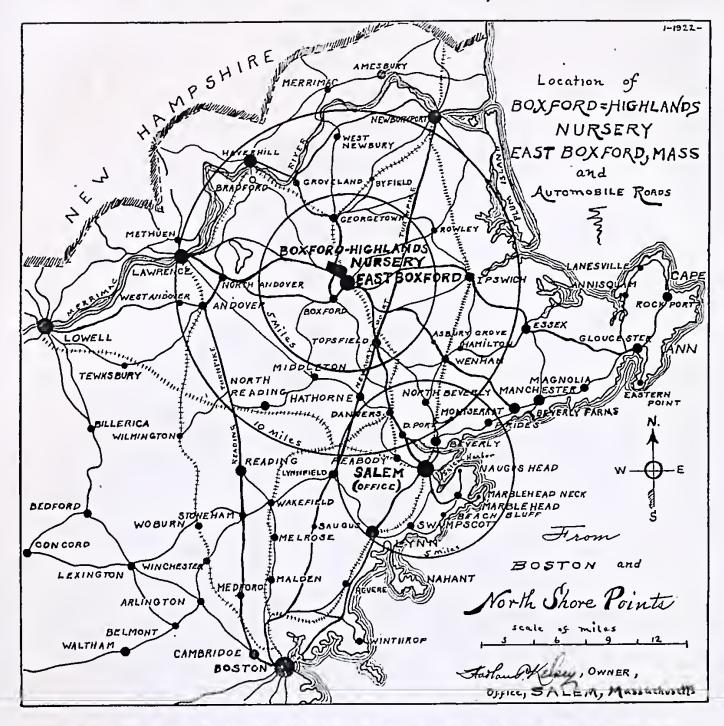
THE CAROLINA HEMLOCK (Tsuga caroliniana)

Introduced to Horticulture by Harlan P. Kelsey

"Its dense dark foliage, swceping semi-pendulous branches and eventually pyramidal form, combine to give a charm not found in any other evergreen known to cultivation." Full description and prices, see Page 13

HARLAN P. KELSEY, Owner, SALEM, MASSACHUSETTS BOXFORD—HIGHLANDS NURSERY, EAST BOXFORD, MASS.

Information to Buyers



BOXFORD-HIGHLANDS NURSERY, EAST BOXFORD, MASSACHUSETTS, is located 28 miles north of Boston, at Boxford Station, Georgetown Branch, B. & M. R.R.

It is readily reached by good automobile roads from any part of New England. From Boston 28 miles, take either Newburyport Turnpike turning West at Topsfield, or Reading Turnpike turning East at North Andover. Other distances are Salem, 13 miles; Lawrence, 11 miles; Haverhill, 9 miles; Newburyport, 10 miles; Manchester, 13 miles; Ipswich, 9 miles; Lowell, 20 miles.

Hardy Native American Plants and Specimen Evergreens are my Specialties, backed by over thirty years' experience. Many of our choicest American ornamentals have been introduced to cultivation by me, including Carolina Hemlock, Azalea vaseyi, Rhododendron carolinianum, Lilium grayi, Shortia galacifolia, Robinia kelseyi and many others.

Shipping Season begins in Spring when frost leaves the ground, usually March 15th to June 1st. August planting of Specimen Evergreens — Rhododendrons, Kalmias, Leucothoes, Conifers and many Bulbs and Herbaceous Plants—has proved most successful, general stock going out again from September to December.

Shipping Instructions should be given, otherwise I use my best judgment, but assume no risk. All shipments travel at purchaser's risk and carriers must be held liable for any damage in transit. All stock becomes the property of the purchaser on delivery to transportation company or carrier.

Delivery by Truck. Where the size of order warrants, there are distinct advantages in auto truck delivery for distances up to 30 to 50 miles and we have made large deliveries up to 200 miles. Stock arrives quickly and when wanted, and is delivered fresh on the grounds, saving local trucking and unpacking. Charges are made according to size of truck and distance traveled.

Prices are made to_fit the quality of stock sent out. Discriminating buyers now realize that the greatest value of nursery stock is underground. Frequent transplanting and handling specimens with adequate, burlaped balls, mean success and quick results. It costs more, but it is the fixed policy of the Boxford-Highlands Nursery, and "cheap" stock[will_not be handled or sent out. The best is always the cheapest.

Special Selection. Stock specially selected at Nursery or ordered by mail will be charged at advance prices to fit the value of stock selected. The prices in this catalog cover the average good grade as they run in the nursery row.

Packing Charges. At prices printed in this catalog, Boxing, Balling or Burlaping is free except where noted. Where small sizes or deciduous stock is balled and burlaped by special request, a charge is always made to cover cost, as follows:

Burlaping Charges:

	raen -
Small sizes	80.10
ontair steed	
2 to 3 ft. elumps and trees	. 15
3 to 4 ft alumns and trees	20
o to a fee clumps and trees	. 20
3 to 4 ft. elumps and trees 4 to 6 ft. elumps and trees	. 25
6 to 8 ft. elumps and trees	30
o to o it. erumps and trees	. 00
Larger sizes are billed in proportion. Where large evergreens are sh	ipped
on "platforms," a suitable charge will be made to cover cost.	
on pratrorms, a suitable enarge win be made to cover cost.	

Terms. Cash or satisfactory reference from unknown customers. All accounts are due the first of each month, unless by special arrangement. Five at 10 rate; 50 at 100 rate; 500 at 1,000 rate.

Non-Warranty. No guarantee, express or implied, is made that stock will grow, whether planted by me or otherwise. Having no control over after treatment of plantings or over weather conditions, it is obvious that purchaser must assume all responsibility after stock leaves the Nursery in good condition. However, under certain conditions, I am prepared to guarantee plantings made by me covering a specified period, on an insurance basis. Charges will be made according to risk involved and value of material.

Claims for errors must be made on receipt of goods. If there is any mistake or fault on my part it will gladly be rectified.

Plant Names. Both the common names and the botanical or Latin names in this catalog conform to the Official Catalog of Standardized Plant Names, published by The American Joint Committee on Horticultural Nomenclature.

Landscape Forestry. We do Landscape Forestry, treating woodlands from a landscape standpoint as well as for commercial uses. Mr. Kelsey is open for consultations and engagements.

Quarantine. The Federal Horticultural Board has proclaimed a practically complete embargo on all Foreign Trees and Shrubs and most Herbaceous Plants. Americans will now learn that our Native Trees and Plants are hardier, freer from disease, more permanent, and far more beautiful and "fitting" in our landscapes and home grounds than exotic material. The best exotics can and now will be grown in America for Americans. We are growing them by thousands.

HARLAN P. KELSEY

Boxford-Highlands Nursery Salem, Massachusetts

Landscape Department

Planning and Planting, and the Use of Hardy Native Plants

The successful carrying out of any landscape improvement depends to so great an extent upon the knowledge, skill, and good taste of the one to whom this work is intrusted, that it is supremely important to start right, no matter whether the work be large or small.

By the employment of a trained landscape architect expensive experiments may be avoided and successful results insured. This applies to questions both of design and of practical planting.

There are so many well-trained landscape architects today that there is little excuse for anyone not having the joys that come from well-executed work that properly fits each ease.

The undersigned takes charge of the laying out and planting of large and small grounds, extensive estates, parks, eemeteries, and other public or private landscape improvements. Particular attention is given to the use of hardy American plants, which are unquestionably the basis of all the best permanent plantings in this country, and particularly where naturalistic effects are desired. If this fact is ignored, the most finished and lasting results cannot be secured. The formal garden, where in the past exotics have been used almost exclusively, has wonderful possibilities for the employment of native plants, and especially our magnificent Rhododendrons, Kalmias, and other broadleaf evergreens, as well as Junipers, Hemlocks, Pines and other Conifers. These plants are not only absolutely hardy and unusually free from foreign diseases and pests, but show splendid summer and winter effects that can be produced in no other way. There are, in fact, no foreign plants which can adequately take their place.

Horticultural knowledge, including soil requirements and an intimate acquaintance with plant material, is quite as essential as and co-ordinate with proper designing,—facts too often overlooked. Moreover, water-color sketches do not constitute landscape gardening. It is an art to be practised only after years of study and experience and, like painting and sculpture, must be born in one and cannot be altogether acquired.

We are not committed to the use of Native Plants exclusively, and, where useful and advisable, always introduce the best exotics to produce desired results.

The undersigned is prepared to make professional visits for consultation and advice, to make surveys, plans, and designs, and to undertake the entire construction, planting, and carrying out of landscape work of all descriptions.

The wild garden, the rockery, and the bog and water garden offer possibilities in the way of interest, distinctiveness, and variety that are often almost wholly overlooked or but meagerly taken advantage of.

The mountain or seashore bungalow, the modest town home, and the pretentious estate must each have a treatment suitable to particular needs, though in every ease a development should prevail that makes the most of striking natural features or topography, giving to each a character of its own.

Lack of time, distance, and other conditions may sometimes lead customers to desire a local landscape architect. I know the leading members of the profession, and at any time on request will gladly recommend landscape architects who may be safely trusted with any commission, large or small.

Correspondence with those having new grounds to lay out and plant, or unsatisfactory old grounds to make over, is solicited. Charges are reasonable, yet sufficient to warrant the best results in fairness to my clients and myself.

HARLAN P. KELSEY, Landscape Department Hawthorne Building, Salem, Massachusetts



Specimen Fraser Fir at Boxford-Highlands Nursery



Specimen Koster Blue Spruce at Boxford-Highlands Nursery

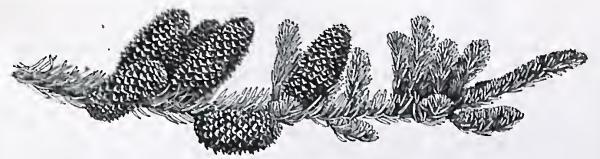
KELSEY'S HARDY SPECIMEN EVERGREEN TREES AND SHRUBS

BOXFORD-HIGHLANDS NURSERY

Note.— All Stock is nursery-grown and transplanted unless marked otherwise. The larger sizes of Evergreens are always shipped with balls and burlaped.

Prices in this eatalog cover the average good grade of plants as they run in the nursery row. Where special selection is made prices are increased accordingly.

The sizes immediately following the names indicate the hights attained by the Trees, Shrubs, and Plants in a wild state; under cultivation they usually reach and often exceed the lesser hight given.



Upright cones of Fraser Fir

EVERGREEN TREES AND SHRUBS

ABIES concolor, CONCOLOR FIR. 80 to 250 ft. Foliage blue-green to blue-gray with broad needles, charming purple to yellow cones. I wonderfully beautiful, long-lived tree; rapid growth.

	Each	10	100
	EMCH	10	100
12 to 18 in	\$1 00	\$8 00	\$70 00
18 to 24 in	2 00	18 00	165 00
2 to 3 ft	3 25	30 00	270 00
3 to 4 ft	4 50	40 00	
4 to 5 ft	7 00		
9 to 18 ft. specime	ns \$8 to	150 00 ea	ch '

frascri, Fraser Fig. 30 to 70 ft.

Dark-green, thickest foliage, blue underneath; compact, pyramidal habit. One of our choicest evergreens especially for New England shore planting. The only permanent "Balsam Fir." Thousands of perfect specimens up to 16 feet. This is a specialty at Boxford-Highlands Nursery, and we can supply in car lots for mass planting or to the Nursery Trade. This fine species comes from the high Carolina Mountains. There are few Evergreens we can recommend so highly.

	Each	10	100
9 to 12 iu	30	\$2.70	\$24 00
12 to 18 in	50	4 20	36 00
2 to 3 ft	1 50	12 00	
3 to 4 ft	2 50	22 00	200 00
4 to 5 ft	3 50	32 00	300 00
5 to 6 ft	5 00	40 00	360 00
6 to 7 ft	7 00	64 00	600 00
7 to 8 ft	9 00	80 00	750 00
8 to 12 ft. specimens		50 00 ea	eh

homolepis (brachyphylla), Nikko Fir.

Very distinctive rare Fir, horizontal branches, dark glossy foliage; green leaves, silvery white underneath, and violet purple cones. Very hardy Japanese species.

		racn	10
12 to	18 in	 . \$2 00	\$18 00
18 to	24 in	 . 3 00	28 00

ABIES homolepis umbilicata (umbellala), DIM-PLECONE FIR. 50 to 80 ft.

Variety with green cones, with lighter colored leaves.

5 tu 12 ft. specimens \$7 to 20 00 each pectinata, European Silver Fig. 100 to 200 ft. Rapid, open gruwing sort with glossy green needles, silvery beneath.

Each 12 to 18 in......\$3 00 \$27 00 veitchi, VEITCH FIR. 80 to 100 ft.

Strong-growing, ironelad Fir, making a most striking lawn specimen or in groups. Bright green foliage, silver-blue underneath. A rare conifer from Japan and Manchuria.

	raten	
12 tu 18 in	.\$2 60	\$24 00
18 to 24 in		
2 to 3 ft		54 00
3 to 4 ft		

5 to 18 ft. specimens \$10 to 75 00 each ANDROMEDA polifolia, see under Rhododendrons and Other Broadlenf Evergreens.

ARCTOSTAPHYLOS nvanrai, see under Rhododendrons, etc.

CHAMAECYPARIS obtust, HINORI CYPRESS. 80 to 120 ft.

Graceful tree with "Japanese" effect; bright green foliage. Fine alsu for low-elipped hedge; brown cones. Each 10 \$6 00 \$50 00

9 to 12 in......\$ 75 12 to 18 in........ 1 50 12 00 90 00

18 to 24 in....... 2 00 18 00 Horticultural variety of Clamaccyparis.

DWARF HINORI CYPRESS (obtusa nana). 4 to

Very dwarf Japanese Evergreen; pieturesque effect. Dark-green, shiny foliage, densely tufted.

12 to 18 in.....\$3 00 each CHAMAEDAPHNE calyculata, see Rhododendrons and Other Broadleaf Evergreens.

DAPHNE encorum, see Rhododendrons and Other Broadleaf Evergreens.



Red-cedar (Juniperus virginiana) specimen as grown at Boxford-Highlands Nursery

JUNIPERUS communis depressa, PROSTRATE	KALMIA, see Rhododendrons and Other Broad-
JUNIPER. 1 to 4 ft.	leaf Evergreens.
The best Juniper for ground cover. Forms	LEIOPHYLLUM buxifolium, scc Rhododendrons
vary from completely "prostrate" to the	and Other Broadlenf Evergreens.
"ascending" bushy types. It is at home on sandy or gravelly hillsides in full sun exposure,	LEUCOTHOE entesbaci, see Rhododendrons and
or in quite dense shade. Single plants will	Other Broadleaf Evergreens,
often reach a diameter of 15 feet or more. It	PICEA cauadensis (alba), White Spruce. 60 to 70 ft.
is the hardy type that gives such charm to New	Compact pyramidal growth, with aromatic
England hillsides. Often a beautiful bronze in	silver-gray foliage. Far seashore planting it is
autumn and winter, and studded with bright blue fruit. Invaluable for landscape plantings.	unexcelled, and for northern latitudes is highly
Each 10 100	recommended for single lawn specimen, muss-
6 to 9 in\$0 40 \$3 50 \$30 00	ing or for forest; glossy light brown cones. Each 10 100
2 to 3 ft 2 00 18 00 165 00	9 to 12 in\$ 60 \$5 00 \$45 00
3 to 4 ft 3 00 27 00 255 00 4 to 5 ft 5 00 44 00	1 to 2 ft 1 00 8 00 60 00
5 to 8 ft. specimens \$7 to 15 00 each	2 to 3 ft 2 00 18 00
-	6.to 8 ft 9 00 85 00 9 to 10 ft 15 00 140 00
sabina, Savin. 4 to 10 ft. Semi-creet dwarf, very bushy; fine among	10 to 12 ft 20 00 180 00
rocks and boulders and for borders.	engelmanni, Engelmann Spruce. 75 to 150 ft.
Each 10	Rocky Mountain evergreen with narrow-
6 to 9 in\$1 50 \$12 00	pyramidal form of great beauty. Flowers
scopulorum, Colorado Juniper. 20 to 40 ft.	bright purple, cones light brown. Each 10 100
Rocky Mountain species allied to Juniperus	12 to 18 in\$I 00 \$8 00 \$60 00
virginiana. Foliage aften bluish tinge. Each 10	18 to 24 in 1 50 12 00 100 00
9 to 12 in	2 to 3 ft 2 20 20 00
virginiana, Reo-ceoar. 40 to 100 ft.	excelsa, Norway Spruce. 75 to 150 ft.
Pyramidal habit; dark-green to bluish foliage,	This well-known spruce varies greatly in type, some with very picturesque pendulaus branches
with many variable forms. This is one of the	and others again of upright growth. A most
most useful and characteristic trees of our	beautiful conifer, especially where not crowded.
native landscape. It rivals the Italian Cypress	Flowers bright purple and light brown cones.
in beauty, is absolutely hardy, and stands sea exposure well. Fruit dark-blue and conspicu-	Each 10 100 12 to 18 in \$ 50 \$4 00 \$38 00
ous, hanging until mid-winter. For many	18 to 24 in 75 6 00 54 00
effects it is the most useful evergreen for	2 to 3 ft 1 50 12 00 110 00
northern latitudes. This is a specialty at Boxford-Highlands Nursery, and we can supply	3 to 4 ft 2 50 22 00
specimens up to 30 feet. We have made many	4 to 5 ft 4 00 36 00 koyamai. 20 to 30 ft.
notable plantings of large Cedars with uniform	Branchlets bright reddish-brawn, leaves bluish-
success. Each 10 100	white above and light brownish-green cones.
2 to 3 ft\$1 50 \$12 00 \$100 00 3 to 4 ft 2 50 22 00 200 00	A rare Central Japanese species.
4 to 5 ft 3 50 30 00	Each 10 100 3 to 6 in \$ 30 \$2 00 \$18 00
5 to 6 ft 5 00 40 00	omorika, Servian Spauce. 80 to 100 ft.
6 to 7 ft 7 00 64 00	Rare and very beautiful. Needles are unusual
7 to 8 ft10 00 90 00 8 to 9 ft12 50 112 00	with conspicuous white marking. One of
9 to 10 ft18 00 160 00	the most charming conifers as grawn in Arnold Arboretum; purple flowers and glossy cinna-
10 to 20 ft. specimens \$20 to 150 00 each	mon brown cones.
Horticultural varieties of Juniperus.	7 to 8 ft\$20 00 each
PRITZER JUNIPER (chinensis pfitzeriana). 4 to 8 ft.	orientalis, Oniental Spauce. 80 to 120 ft.
One of our choicest and hardiest dwarf "spreading" evergreens of the "feathery spray" type.	A graceful spruce, with wide, raundish pyram-
Each 10	idol form of slow growth. Much used in Japanese gardens; carmine flowers.
15 to 18 in\$3 50 \$30 00	Each 10
18 to 24 in 5 00 45 00	3 to 4 ft \$6 00 \$54 00
SCHOTT Ren-CEDAR (virginiana schotti). 15 to	4 to 5 ft 10 00 90 00
30 ft. A dwarfer dense pyramidal form of Red-eedar	5 to 6 ft 12 50 pungens (parryana), Colorado Spruce. 80 to
with bright green foliage.	150 ft.
Each	Extremely hardy and well knawn for its
4 to 5 ft\$4 50	peculiar horizontal whorls of branches and stiff
5 to 6 ft 6 00	needles. Stands salt air well. Cones light
Silver Ren Cedar (virginiana glauca). 40 to 60 ft.	brown, glossy. Each 10 100
Striking type with blue-green falinge.	9 to 12 in
Each 10 '	12 to 18 ia 1 00. 8 00 70 00
5 to 6 ft\$7 50 \$70 00 .	18 to 24 in 1 50 12 00 90 00 2 to 3 ft 2 50 22 00
TAMARIX SAYIN (sabina tamariscifolia). 1 to 4 ft.	2 to 3 ft 2 50 22 00 3 to 4 ft 4 00 36 00
Trailing species with feathery gray "sprays" of	4 to 5 ft 5 00 44 00
faliage. A heautiful rockery plant and for	5 to 6 ft 7 00 64 00
edgings. Each 10	6 to 7 ft 9 00 80 00
12 to 15 in\$3 00 \$27 00	7 to 15 ft. specimens \$10 to 50 00 each



(Foto by H. P. K.) Swiss Stone Pine (Pinus cembra) specimen at Boxford-Highlands Nursery



(Foto by H. P. K.) Avenue of specimen Koster Blue Spruces at Boxford-Highlands Nursery



Young Rhododendrons, Azaleas and Mountain Laurel grown by tens of thousands at Boxford-Highlands Nursery

Blue form, very conspicuous.		
BLUE GOLORAD SPRUCE (pungens glavea)	Host was of Pines Space	I PINIIS mo
A 'hush blue form, very conspicuous.		
Blue form, very conspicuous.	· ·	A "bush"
18 to 24 in	Blue form, very conspicuous.	Rarely atta
2 tn 3 ft		hight. In
3 to 4 ft. 8 00 4 to 5 ft. 10 00 5 to 6 ft. 15 10 00 Koster Blue Spruce (pungens kasteri.) 50 to 80 ft. Variety with hrilliant blue foliage. Propagated by grafting on the green type. Our stock is strictly true to original. At Boxford-Highlands Nursery may be seen hundreds of perfect specimens from 6 to 10 ft. in hight. Probably the finest lot in any nursery. Each 10 2 to 3 ft. 86 00 \$56 00 3 to 4 ft. 25 00 236 00 6 to 7 ft. 25 00 236 00 7 to 10 ft. specimens \$40 to 70 00 each PIERIS floribunda, see Rhododendrons and Other Broadleaf Evergreens. PINUS austriaen, see Ilort. vnr. Austrian Pine. Danksiana, Jack Pine. 50 to 70 ft. Quick grower and easy to transplant. Fine ornamental and very useful for reclaiming "ahandoned" or poor soils. Pale yellow brown cones. Each 10 100 2 to 3 ft. 20 00 10 00 120 00 3 to 4 ft. 12 5 8 00 60 00 4 to 6 ft. 20 00 10 00 120 00 8 to 10 ft. 50 00 \$40 00 \$30 00 8 to 10 ft. 70 00 64 00 8 to 10 ft. 70 00 64 00 8 to 10 ft. 10 ft. specimens \$10 to 25 00 each cannut be ton highly recommended for rockeries in Hillsides, in where space is limited and nne wishes to have the soft fenthery foliage effect of the benutiful comman but large-growing White Pine. We have hundreds of beautiful specimens — narrnw, dense pyramids. In cultivation rarely over 20 feet. Each 10 100 12 to 18 in. 5 00 \$20 00 200 00 2 to 3 ft. 3 50 32 00 3 to 4 ft. 5 00 45 00 4 to 5 ft. 8 00 \$50 00 \$10 00 4 to 5 ft. 8 00 \$50 00 \$10 00 4 to 6 ft. 20 00 \$50 00 \$10 00 4 to 6 ft. 50 00 \$50 00 \$10 00 4 to 6 ft. 60 \$50 \$50 \$00 \$00 00 4 to 6 ft. 60 \$50 \$50 \$00 \$00 \$00 00 4 to 6 ft. 60 \$50 \$50 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$0		1 4 - 0 64
## A to 5 ft		1
KOSTER BLUE SPRUCE (pungens koaleri.) 50 to 80 ft. Variety with hrilliant blue foliage. Propagated by grafting on the green type. Our stack is strictly true to original. At Boxford-Highlands Nursery may be seen hundreds of perfect specimens from 6 to 10 ft. In hight. Probably the finest lot in any nursery. Each 10 2 to 3 ft. 86 00 856 00 3 to 4 ft. 25 00 236 00 6 to 7 ft. 35 00 325 00 7 to 10 ft. specimens \$40 to 70 00 each PIERIS floribunda, see Rhododendrons and Other Broadleaf Evergreens. PINUS austriaca, see Hort. var. Austrian Pine. Danksiana, Jack Pine. 50 to 70 ft. Quick grower and easy to transplant. Fine ornamental and very useful for reclaiming "ahandoned" or poor soils. Pale yellow brown cones. Each 10 100 2 to 3 ft. 125 8 00 60 00 4 to 6 ft. 20 00 16 00 120 00 6 to 8 ft. 40 00 36 00 8 to 10 ft. 70 00 64 00 10 to 16 ft. specimens \$10 to 25 00 each cembra, Swiss Stone Pine. 50 to 70 ft. A "dwarf White Pine." This charming species canunt be too highly recommended for rockeries in hillsides, in where space is limited and nne wishes to have the soft feathery foliage effect of the benutiful comman but large-growing White Pine. We have hundreds of beautiful specimens — narrnw, dense pyramids. In cultivation unrely over 20 feet. Pack 10 100 12 to 18 in. 50 0 45 00 4 to 5 ft. 80 0 75 00 4 to 5 ft. 80 0 75 00 4 to 5 ft. 80 0 75 00 4 to 6 ft. 20 0 20 00 00 20 00 2 to 3 ft. 35 0 32 00 3 to 4 ft. 50 0 22 00 200 00 2 to 3 ft. 30 0 4 ft. 50 0 200 00 2 to 10 ft. specimens s8 to 15 00 each conditions and fine stock. Each 10 100 12 to 18 in. 50 0 50 0 50 00 518 00 4 to 6 ft. 60 50 0 50 00 518 00 4 to 6 ft. 60 50 0 50 00 518 00 4 to 6 ft. 60 50 0 50 00 518 00 4 to 6 ft. 60 50 0 50 00 518 00 4 to 6 ft. 60 50 0 50 00 518 00 4 to 6 ft. 60 50 0 50 00 518 00 4 to 6 ft. 60 50 0 50 00 518 00 4 to 6 ft. 60 50 0 50 00 518 00 4 to 6 ft. 60 50 0 50 00 518 00 4 to 6 ft. 60 50 0 50 00 50 00 50 00 50 00 50 00 50 00 50 00 50 00 50 00 50 00 50 00 50 00 50 00 50 00 50 00 50 00 50 00 50 00 50 00 50 00 50 00 50 00 50 00 50 00 50 00	4 to 5 ft	2 10 5 11
Koster Blue Spruce (pungens kosteri.) 50 to 80 ft. Variety with hrilliant blue foliage. Propagated by grafting on the green type. Our stack is strictly true to original. At Boxford-Highlands Nursery may he seen hundreds of perfect specimens from 6 to 10 ft. in hight. Probably the finest lot in any nursery. Each 10 2 to 3 ft. \$6 00 \$56 00 3 to 4 ft. \$9 00 \$86 00 6 to 7 ft. \$35 00 \$25 00 7 to 10 ft. specimens \$40 to 70 00 each PIERIS floribunda, see Rhododendrons and Other Broadleaf Evergreens. PINUS austriaen, see Hort. var. Austrian Pine. banksiana, Jack Pine. 50 to 70 ft. Quick grower and easy to transplant. Fine ornamental and very useful for reclaiming "handnoed" or poor soils. Pale yellow brown cones. Each 10 100 2 to 3 ft. \$00 \$4 00 \$30 00 3 to 4 ft. \$00 \$4 00 \$30 00 3 to 4 ft. \$00 \$4 00 \$30 00 6 to 8 ft. \$00 \$4 00 \$30 00 8 to 10 ft. \$00 \$4 00 \$30 00 8 to 10 ft. \$00 \$4 00 \$30 00 10 to 16 ft. specimens \$10 to 25 00 each cembra, Swiss Stone Pine. 50 to 70 ft. A "dwarf White Pine." This charming species cannut be too highly recommended for rockeries or hillsides, are where space is limited and nne wishes to have the soft feathery foliage effect of the beautiful comman but large-growing White Pine. We have hundreds of beautiful specimens — narraw, dease pyramids. In cultivation urrely over 20 feet. Each 10 100 12 to 18 in. \$175 15 15 00 \$130 00 18 to 24 in. \$2 50 \$20 00 \$200 00 2 to 3 ft. \$3 50 \$32 00 3 to 4 ft. \$2 50 \$20 00 \$180 00 4 to 6 ft. \$2 50 \$20 00 \$180 00 4 to 6 ft. \$2 50 \$20 00 \$180 00 6 to 9 ft. specimens \$8 to 15 00 each Illuridy and fi distinctive liabit. Very free from diseases and insects, and one of the coming plues for landscape work and woodlands. A fine stock. Each 10 100 3 to 4 ft. \$2 50 \$20 00 \$180 00 4 to 6 ft. \$2 50 \$20 00 \$180 00 6 to 9 ft. specimens \$8 to 15 00 each Illuridae and especially choice for the rocky hillside and in small Pinetums. In cultivation, uf fuirly slow growth, large light brown cones. Each 10 100 12 to 18 in. \$6 60 \$5 00 \$40 00 12 to 18 to 24 in. 10 00 \$6		monticola,
80 ft. Variety with hrilliant blue foliage. Propagated by grafting on the green type. Our stack is strictly true to original. At Boxford-lighlands Nursery may he seen hundreds of perfect specimens from 6 to 10 ft. in hight. Probably the finest lot in any nursery. Each 10 2 to 3 ft. \$6 00 \$56 00 3 to 4 ft. \$9 00 \$6 00 5 to 6 ft. \$25 00 \$236 00 6 to 7 ft. \$35 00 \$25 00 7 to 10 ft. specimens \$40 to 70 00 each PIERIS floribunda, see Rhododendrons and Other Broadlenf Evergreens. PINUS austriaca, see Hort. var. Austrian Pine. banksiana, Jack Pine. 50 to 70 ft. Quick grower and easy to transplant. Fine ornamental and very useful for reclaiming "ahandoned" or poor soils. Pale yellow brown cones. Each 10 100 2 to 3 ft. \$0 00 \$40 0 \$30 00 3 to 4 ft. \$1 25 8 00 60 00 4 to 6 ft. \$20 00 120 00 8 to 10 ft. specimens \$10 to 25 00 each cembra, Swiss Stone Pine. 50 to 70 ft. A "dwarf White Pine." This charming species cannut be to highly recommended for rockeries or hillsides, an where space is limited and nne wishes to have the soft fenthery foliage effect of the beautiful commun but large-growing White Pine. We have hundreds of beautiful specimens—narraw, dense pyramids. In cultivatiun rarely over 20 feet. Each 10 100 12 to 18 in. \$1 75 \$15 00 \$130 00 18 to 24 in. \$2 50 \$20 00 \$200 00 2 to 3 ft. \$3 50 \$32 00 3 to 4 ft. \$2 50 \$20 00 \$20 00 2 to 3 ft. \$3 50 \$32 00 3 to 4 ft. \$2 50 \$20 00 \$300 00 6 to 9 ft. specimens \$8 to 15 00 each densiflora, Japanese Red Pine. 80 th 100 ft. Hurdy and af distinctive habit. Very free from diseases and insects, and, one of the coming Pines for hundscape work and woodlands. A fine stock. Each 10 100 3 to 4 ft. \$2 50 \$20 00 \$300 00 6 to 9 ft. specimens \$8 to 15 00 each flexilis, Lamber Pine. 50 to 80 ft. Of the "White Pine section," from the Rocky Munutains. Picturesque dwarf habit, silver foliage, and especially choice for the rocky hillside and in small Pinetums. In cultivation, uf fairly slow growth, large light brown cones. Each 10 100 12 to 18 in. \$6 60 \$5 00 \$40 00 18 to 24 in. 10	Maggar Drug Conugn (numero logisti) 50 to	
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6 to 8 ft		4 to 9 ft.
cembra, Swiss Stone Pine. 50 to 70 ft. A "dwarf White Pine." This charming species canunt be too highly recommended for rockeries in hillsides, in where space is limited and nne wishes to have the soft feathery foliage effect of the beautiful common but large-growing White Pine. We have hundreds of beautiful specimens—narrow, dense pyramids. In cultivation rarely over 20 feet. Each 10 100 12 to 18 in \$1 75 \$15 00 \$130 00 18 to 24 in \$2 50 \$22 00 200 00 2 to 3 ft \$5 00 \$45 00 4 to 5 ft \$8 00 75 00 densifiora, Japanese Red Pine. 80 to 100 ft. Hurdy and in distinctive habit. Very free from diseases and insects, and one of the coming Pines for landscape work and woodlands. A fine stock. Each 10 100 3 to 4 ft \$2 50 \$20 00 \$180 00 4 to 6 ft \$4 00 35 00 300 00 6 to 9 ft. specimens \$8 to 15 00 each The "White Pine section," from the Rocky Muuntains. Picturesque dwarf habit, silver foliage, and especially choice for the rocky hillside and in small Pinetums. In cultivation, of fairly slow growth, large light brown cones. Each 10 100 12 to 18 in \$60 \$5 00 \$40 00 12 to 18 in \$60 \$5 00 \$40 00 13 to 4 ft \$2 00 18 00 150 00 14 to 6 ft \$4 06 \$10 \$100 15 to 18 in \$60 \$5 00 \$40 00 16 to 8 ft \$60 \$5 00 \$40 00 17 to 18 in \$60 \$5 00 \$40 00 18 to 24 in 1 00 8 00 60 00 19 to 3 to 4 ft \$2 00 18 00 150 00	6 to 8 ft 4 00 36 00	T.
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18 to 24 in	12 to 18 in \$ 60 \$5 00 \$40 00	4 to 6 ft
3 to 4 ft 200 27 00		6 to 8 ft
6 to 12 f		8 to 10 ft.
	27 00	6 to 12 ft. s

PINUS montana, Swiss Mountain Pine. Variable from 8 to 40 ft.
A "bush" dwarf Pine, with dark-green foliage. Rarely attains 10 to 12 feet, diameter equaling hight. Invaluable.
Each 10 100 1 to 2 ft \$2 00 \$18 00 \$160 00 2 to 3 ft 4 00 36 00 300 00
monticola, WESTERN WHITE PINE. 100 to 150 ft.
Pyramidal form with slender somewhat pendulous branches.
Each 10 9 to 12 in\$ 75 \$6 00 12 to 18 in
parviflora, JAPANESE WHITE PINE. 50 to 80 ft. Hardy and very ornamental Japanese Pine bearing numerous decorative cones when older. 9 to 12 in \$1 00 each
pentaphylla Probably a form of Pinus parviflora.
Each 10 3 to 6 in \$ 50 \$4 00
ponderosa, Western Yellow Pine. 100 to 230 ft.
This Western species is extremely hardy, with striking dark-green, long needles. Fine for forestry planting or as a specimen.
Each 10 100 1 to 2 ft \$1 00 \$8 00 \$60 00 2 to 3 ft 2 00 18 00 150 00
3 to 4 ft 4 00 36 00 4 to 9 ft. specimens \$5 to 15 00 each
Pungens, TABLE MOUNTAIN PINE. 30 to 60 ft. From the Southern Alleghanies. Spined
cones remain on tree indefinitely, giving a curious and picturesque effect. The growth is quite "Japanesy."
6 to 10 ft. specimens \$5 to 16 00 each
resinosa, Red Pine. 60 to 150 ft. One of our most valuable native Pines, for ornamental or forestry purposes. Long, lus-
sidered by many even superior to the Austrian Pine. Incorrectly called "Norway" Pine.
Each 10 100 2 to 3 ft \$1 75 \$16 00 \$140 00 3 to 4 ft 2 50 20 00 180 00
3 to 4 ft 2 50 20 00 180 00 4 to 5 ft 5 00 40 00 360 00
6 to 8 ft. specimens \$8 to 12 00 each rigida, Pitch Pine. 40 to 80 ft.
The common Pine of our New England hill- sides — very picturesque.
Each 10 100 4 to 6 ft \$4 00 \$36 00 \$300 00
6 to 8 ft 6 00 50 00 450 00 8 to 10 ft
This native Pine is easily the king of American
conifers, both as an ornamental and as a forestry tree. We have thousands of speci-



Solid block of 10,000 young Carolina Hemlocks at Boxford-Highlands Nursery

(Foto by H. P. K.)



Block of Pinus mughus specimens at Boxford-Highlands Nursery (Foto by H. P. K.)

PINUS sylvestris, SCOTCH PINE. 50 to 120 ft.
Of rapid growth, with attractive reddish bark
and bright green foliage of bluish tinge. A
very popular variety much used in securing
immediate effects. Boxford-Highlands Nurs-
ery has an unusually fine stock up to 16 ft.

Each 10 100 4 to 6 ft. \$4 00 \$36 00 \$320.00 6 to 8 ft. 6 00 8 to 10 ft. . . . 10 00 10 to 12 ft. . . . 12 00 50 00 450 00 90 00 750 00 116 00 12 to 14 ft. 15 00 120 00 14 to 16 ft. 20 00 180 00 10 to 16 ft. specimens \$15 to 35 00 each

thunbergi, JAPANESE BLACK PINE. 80 to 120 ft.

A very distinctive species with handsome, hroad pyramidal head and orange-yellow branchlets. Perfeetly hardy.

Each 10 100 \$90 00 18 to 24 in.....\$1 25 \$10 00 2 to 3 ft. 2 00 3 to 4 ft. 2 75 4 to 5 ft. 3 50 18 00 165 00 24 00 220 00 30 00

Hort. var. of Pines.

AUSTRIAN PINE (nigra austriaca). 80 to 150 ft. Of the "Black Pine" grnup, and one of the most beautiful ornamental conifers. Rapid growth and stately habit, the dark-green foliage densely covering the branches. A fine stock of specimen trees.

	$-\mathbf{E}_{i}$	ach	10)	10	0
18 to 24 in	.\$1	25	\$12	00	\$100	00
2 to 3 ft	. 1	75	16	00	130	00
3 to 4 ft	. 3	00	28	00	250	00
4 to 5 ft	. 4	50	42	00		

Mugiin Pine (montana mughus).

Usually shrubby and prostrate. The most useful dwarf Pine for rockeries, ground-cover, and positions where a low-spreading, darkgreen effect is needed. Boxford-Highlands Nursery has thousands of specimens from a few inches to several feet in diameter. The Mughn Piac cannnt be ton highly reenmmended.

	Each	10	100
6 tn 12 in	\$1 00	\$8 00	\$70 00
12 tn 18 in	1 25	10 00	90 00
18 tn 24 in	2 00	18 00	150 00
2 to 3 ft	4 00	36 00	300 00
3 to 4 ft	7 00 '	64 00	
Extra specimens \$8			

PSEUDOTSUGA douglasi, Douglas Fig. 80 to 200 ft.

This is one of our most beautiful Rocky Mountain Firs. Very rapid in growth. Soft, lively green fnlinge, dense habit and in the Northwest becaming a giant forest tree. The staminate eatkins are arange, and pistillate catkins reddish and quite ornumental,

		10	100
9 tn 12 in	\$ 50	\$4 00	\$36 00
12 tn 18 iu	75	6 00	45 00
18 to 24 in	1 25	10 00	90 00
2 to 3 ft		16 00	140 00
3 to 4 ft		24 00	220 00
4 to 5 ft		32 00	
5 to 6 ft		44 00	
6 to 7 ft		64 00	
8 to 16 ft appointance			1.

8 to 16 ft. specimens \$10 to 25 00 each

Hort, vur. of P. douglasi.

Blue Douglas Fir (douglasi glauca). Form with silvery-blue foliage. More compact habit and with smaller cones.

Each 10 18 to 24 iu.....\$3 00 \$24 00 3 to 4 ft. 6 00

RHODODENDRONS, see p. 15

TAXUS canadensis (minor), CANADA YEW. 1 to 3 ft.

Hardy ground cover, invaluable for the open or in shade. Bright red berries. In autumn the foliage turns a rich bronze where exposed to the sun.

	Each	10	100
6 to 9 in	\$ 75	\$7 00	\$60 00
9 to 12 in	1 00	9 00	80 00
12 to 15 in	1 50	12 00	115 00

cuspidata, JAPANESE YEW. 30 to 50 ft.

The only strictly hardy, upright growing Yew for the North. Very dark-green foliage.

	Each	10
12 to 15 in	.\$2 50	\$22 00
15 to 18 in	. 3 50	30 00
18 to 24 in	. 4 50	42 00

Hort, var. of Taxus.

DWARF JAPANESE YEW (cuspidata brevifolia). 3 to 6 ft.

Dwarfer and more compact than the type. Japanese effect.

	Each	10
6 to 9 in	\$1 50	\$12 00
9 to 12 in	2 40	21 00

TIIUJA occidentalis, AMERICAN ARBORVITAE. 40 to 60 ft.

Fine for hedges or for specimen planting. Becomes a dense, broad pyramid, the bright green foliage turning bronze in winter.

		aeh	10)	10	U
12 to 18 in			\$3	00	\$24	00
18 to 24 in			4	40	₫ 36	00
2 to 3 ft	. 1	00	7	00	₩ 50	00
3 to 4 ft	. 1	50			120	
4 to 5 ft	. 2	50	20	00	180	00
5 to 6 ft	. 3	50		00		

Hort, var, of Thuju occidentalis,

AMERICAN GLOBE ARBORVITAE (cecidentalis globosa). 3 to 5 ft.

Dwarf round form very useful in formal plantings.

	Each	10
12 to 18 in	.\$2 00	\$18 00

American Pyramidal (occidentalis pyramidalis). 15 to 30 ft.

Of narrow columnar form, much used in formal gardens, and where space is very limited and sereen effect is desired.

	Each	10	100
12 to 18 in	\$1 00	\$8 00	\$75 00
18 to 24 in	1 50	12 00	100 00
2 to 3 ft	2 00	18 00	170 00
3 to 4 ft	3 00	27 00	
4 to 5 ft	5 00	45 00	
5 to 6 ft	8 00	75 00	

GOLDEN AMERICAN A. (cecidentalis aurea). 15 to 20 ft.

Broad, bushy lorm with deep-yellow outer foliage.

	Each	10
5 to 6 ft.	\$4 00	\$36 00

Sinerian A. (cecidentalis wareana). 15 to 30 ft. Dense pyramidal form with stouter branchlets, bright green foliage of steelish east.

_	Each		100
12 to 18 in	\$1 25	\$10 CO	\$90 00



Block of specimen Hemlocks at Boxford-Highlands Nursery

TSUGA canadensis, Common Hemlock. 50 to

Our beautiful common Hemlock, and one of the most conspicuous of our Eastern Mountain conifers. Does well either in partial shade or in the open and can be kept to any desired size by shearing. A fine hedge plant.

	Each	10	100
12 to 18 in	.\$1 00	\$9 00	\$86 00
18 to 24 in	. 1 50	14 00	132 00
2 to 3 ft	. 2 00	18 00	176 00
3 to 4 ft	. 3 00	28 00	260 00
4 to 5 ft	. 4 50	42 00	400 00
5 to 6 ft	. 6 50	60 00	576 00
6 to 7 ft	. 8 50	80 00	760 00
7 to 8 ft		112 00	
8 to I2 ft. specimer	is \$15 to	30 00 ea	aeh

caroliniana, CAROLINA HEMLOCK.

Introduced by Harlan P. Kelsey in 1834, it has become known to tree lovers as the most distinctive and graceful of all conifers which are hardy throughout the entire United States. Its dense, dark foliage, sweeping semi-pendulous branches, and eventually pyramidal form, combine to give a charm not found in any other evergreen known to cultivation. It is much bardier and more adaptable to city atmospheres than its plainer sister, the Canadian Hemlock, and will also thrive in southern latitudes where the latter becomes thin, yellow and unsightly.

It is the "coming evergreen" for the finest lundsenpe plantings, either as a single specimen or for mass effects and backgrounds and for hedges.

After the disastrous spring and winter of 1917-18, Prof. C. S. Sargent, Directar of Arnold Arboretum, says of this tree: "Numerous specimens of the Carolina Hemlock (Tsuga caroliniana) have been uninjured by the cold and drought of the year. This is one of the handsomest of all cone-bearing trees which can be grown in this part of the country." And, again, in the Nov. 10, 1919, Bulletin of the Arnold Arboretum: "The handsomest of the Hemlocks which can be grown in Mussachusetts and now one of the most beautiful trees in the Arboretum is a native of the Southern Appalachian Mauntains,—Tsuga caroliniana." At Boxford-Highlands Nursery may be seen large blocks of the Carolina Hemlock, all specimens regardless of size.

	Each		10		100	
9 to 12 in\$	I	00	\$ 9	00	\$ 80	00
12 to 18 in	1	50	14	00	132	00
18 to 24 in	2	25	20	00	180	00
2 to 3 ft	3	50	30	00	270	00
3 to 4 ft	6	00	50	00	450	00
4 to 5 ft	10	00	90	00		
5 to 6 ft	15	00	135	00		
A few larger speeim	ens	\$30	to 75	5 00) eael	1

HARDY AMERICAN RHODODENDRONS SPECIMEN EVERGREENS

SPRING RHODODENDRON CATAWBIENSE
AUGUST AND FALL PLANTING

RHODODENDRONS AND OTHER BROADLEAF EVERGREENS AMERICAN RHODODENDRONS

The American Native Rhododendrons are at last coming into their own. Being absolutely hardy as far north as Quebee they assure success where the half-hardy hybrids have so often proved a failure. Even where "hybrids" are used the dark foliaged American species should form the main background.

The sizes immediately following the names indicate the hights attained of the Trees, Shrubs, and Plants in a wild state; under cultivation they usually reach and

often exceed the lesser hight given.

RIIODODENDRON carolinianum, CAROLINA BHODODENDRON

A new American species. Clear pink. Abso-Intely hardy. This is one of our finest introductions and fills a long-felt want for a hardy dwarf Rhododendron with flowers free Irom any hint of magenta. It was described and named by Alfred Rehder, of the Arnold Arboretum. It is the smallest Alleghanian species, attaining a hight of 6 to 8 feet in cultivation. The thick-set leaves are dark-green, usually blunt and narrow, covered with rnsty dots below, much smaller than either maximum or catawhiense. Flower clusters appear in greatest profusion in June, covering the plant with a rose-colored mantle. Fine for rocky slopes or hillsides, standing exposure unusually well and invaluable as a single specimen or for massing. Each

catawbiense, Catawha Rhododendron.

Of the Carolina Mountains. The hardiest of all Rhododendrous. It was this magnificent Rhododendron that over a hundred years ago was introduced into Europe, supplying, together with Bhododendron maximum, color and hardy blood to the cultivated "hybrids," but with a consequent loss of hardiness; and so today, for American gardens, where ironclad hardiness is essential, we must turn to the true original species, found on the loftiest, coldest peaks of the southern Alleghanies where it attains a hight of 20 to 30 feet. Considering the extreme hardiness, color of flower, compact growth, and remarkable texture of foliage, which is a deep, shining green, and far superior to the better-known Rhododendron maximum, we can recommend the true native catawbiense as the finest for general use, withstanding exposure and extremes of temperature where other Rhododendrons fail. Unlike Rhododendron maximum, it is a very free bloomer, with foliage of a dark, rich, lasting green, which never rusts. The trusses are a bright red-purple (in marked contrast to the muddy purple of the semi-hardy, hulf-breed imported variety), and as sent out by Boxford-Highlands Nursery is always on its own roots. For massing to produce a broadleaf evergreen landscape effect, there is no plant equal to it in the latitude of the northern United States and Canada, where strictly hardy plants must be employed. Each 10 100

9 to 12 in, clumps .\$1 25 \$12 00 \$100 00 12 to 18 in, clumps 1 75 16 00 150 00 18 to 24 in, clumps 2 75 26 00 220 00 2 to 3 ft, clumps . . . 4 00 38 00 350 00 3 to 4 ft, clumps . . . 6 00 56 00 540 00 4 to 5 ft, clumps . . . 9 00 86 00

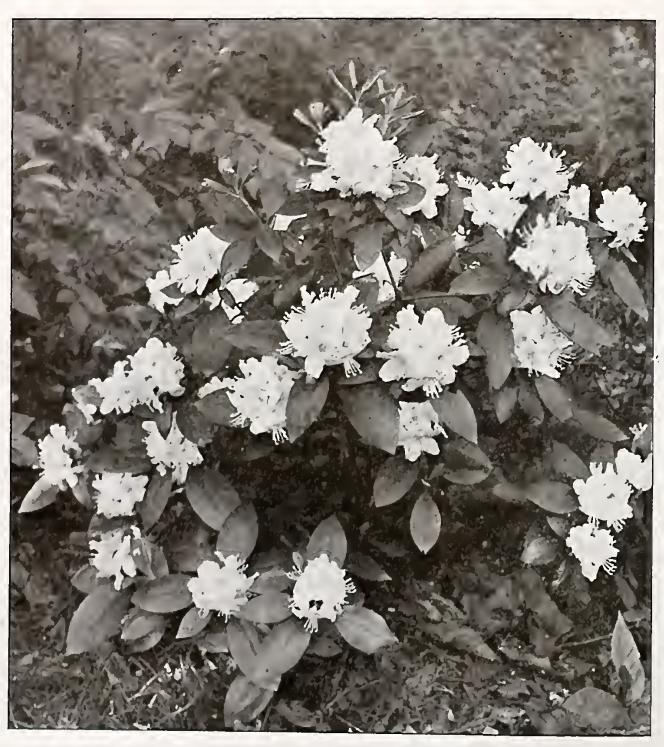


The rare Rhododendron carolinianum
A beautiful clear pink



(Foto by H. P. K.)

Rhododendron catawbiense compacta New variety introduced by Harlan P. Kelsey



Carolina Rhododendron (R. carolinianum), a beautiful new pink dwarf species introduced by Harlan P. Kelsey



Hardy Rhododendrons and Azaleas thriving in an ideal location near Boxford-Highlands Nursery

RHODODENDRON catawhiense compacta.

New Introduction of Harlan P. Kelsey. A very compact-growing form from the highest peaks of the Southern Alleghany Mountains with dark-green foliage, entirely distinct from the catawhiense type in usual cultivation.

		eh	10)
12 to 18 in. elumps			\$21	00
18 to 24 in. elumps			30	00
2 to 3 ft. elumps	6	00	57	00
3 to 4 ft. elumps	9	00		

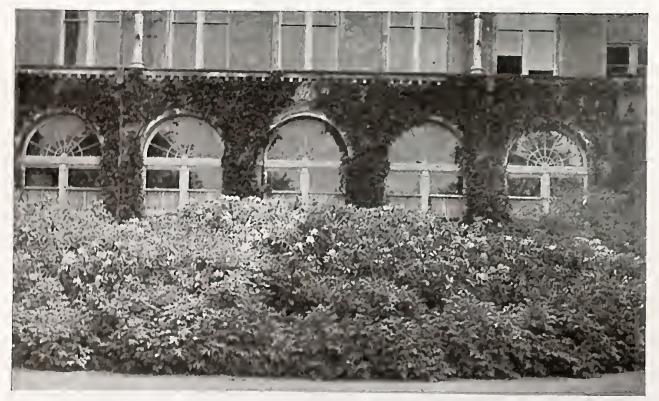
maximum, Rosebay Phododendron.

Rhododendron maximum or Rosebay Rhododendron is without doubt the nohlest of American broadleaf shrubs. It is found growing sparingly in New England and New York, more abundantly in the Pennsylvania mountains, but reaching perfection only in the Southern Alleghany Mountains, where it grows in such luxuriance as to form a striking feature in the mountain landscape. Its large, waxy white or delicately pink flowers appear in large trusses in July, the latest of all the Rhododendrons, greatly enhancing its ornamental value as a broadleaf evergreen for finished landscape effect.

	Each	10	
12 to 18 in. clumps		\$14 00	
18 to 24 in. clumps		18 00	
2 to 3 ft. clumps		28 00	
3 to 4 ft. clumps	4 50	40 00	
3 to 5 ft. extra clum	ips \$6 to	10 00 ea	ich



Rhododendron maximum. Typical flower cluster



Rhododendron Bed at State Normal School, Salem. Planted by Harlan P. Kelsey. Note edging of Zanthorhiza



Rhododendron Bed. Detail of edging; Ferns, Violets and Fringe Bleedingheart

(Foto by H. P. K.)



Mass of Rhododendrons with Hemlock background at Arnold Arboretum

Horticultural varieties of Rhododendron.

Hybrids of R. catawbiense.

We have only the hardiest sorts. They are becoming difficult to secure, owing to Federal Quarantine Regulations shutting out all loreign-grown stock.

Each 10 18 to 24 in......\$4 00 \$36 00 2 to 2½ ft......5 50 50 00

ALBUM ELEGANS, blush, changing to white.

CARACTACUS, purplish crimson.

CHARLES DICKENS, dark scarlet.

E. S. Band, rich scarlet.

F. D. Godman, crimson.

HANRIBAL, rosy red-violet.

IGNATIUS SARGENT, deep pink.

LUTEO-ROSEUM, satin rose suffused with white,

center light yellow.

MRS. MILNER, crimson. Parsons Gloriosum, blush.

PARSONS GRANDIFLORUM, rose.

PURPUREUM ELEGANS, dark purple.

ROSEUM ELEGANS, rose.

Myrtle (myrtifolium)

A fine hardy hybrid between R. minus and R. hirsutum. This variety is very useful for the rockery, and the borders of the Rhododendron bed. Govered with elusters of deep rosy-pink flowers.

| Each | 10 | 12 to 18 in... | \$5 00 | \$45 00 | 18 to 24 in... | 6 50 | 60 00 | 2 to 2½ ft. | 10 00 |





Base Planting (first season) of Mixed Shrubs and Rhododendrons at Saltonstall School, Salem



(Foto by H. P. K.)

Kalmia at Arnold Arboretum

Other Hardy Broadleaf Evergreens

ANDROMEDA polifolia, Bogrosemary. 6 in. to 2 ft.

A beautiful dwarf species of our Northern bogs. Grows well in rich borders. Dainty bell-flowers of delicate pink. June.

Each 10 6 to 8 in......\$ 50 \$4 20

ARCTOSTAPHYLOS uvaursi, BEARBERRY. Prostrate.

This delightful trailing plant is invaluable for seashore and other ground cover planting, forming solid dense mats of green. Thrives in sandy soil when established. Difficult to transplant unless pot-grown plants are used. Bright red berries.

Each 10 100 2 in. pots \$ 80 \$7 60 \$60 00 3½ in. pots 1 00 9 00

CHAMAEDAPHNE calyculata, Leatherleaf. 1 to 3 ft.

A fine, hardy border plant for the Bhododendron bed or very moist locations. White nodding flowers in leafy racemes in early spring.

Each 10 12 to 18 in...... \$ 60 \$5 00

DAPHNE encorum, Rose Daphne. 6 to 12 in. Trailing evergreen, glossy narrow leaves and a profusion of bright pink fragrant flowers in May and often again in August.

Each 10 100 6 to 9 in.....\$ 60 \$5 00 \$40 00

Makes a fine ground cover A charming, dwarf sort of the same general character as Intifolia, forming dense, low clumps. In early

Intifolia, forming dense, low clumps. In early spring showy clusters of wheel-shaped, deep rose-colored flowers.

Each 10 12 to 15 in.....\$ 00 \$5 00



Detail of Kalmia latifolia blossom



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Rhododendron maximum, charming natural growth along mountain stream



Sprays of Leucothoe catesbaei, the most beautiful edging for Rhododendron plantings

KALMIA Intifoliu, Kalmia (Mountain Laurel). 4 to 25 ft.

One of the grandest of our native broadleaf evergreen shrubs, attaining tree-like proportions in our Sonthern mountains. In cultivation it is a broad, thick shrub, and, when in full bloom, of surpassing beauty. The wheel-shuped flowers in close terminal corymbs, pure white to pink, appear in May or June in such profusion us ulmost to smother the foliage. Its thick, shining leaves, conspicuous the year round, make it a shrub of greatest value for massing. The lardiness of Kalmia latifolia is beyond doubt, it being found spuringly in Nova Scotia, and increasingly in abundance through New England and the middle Atlantic States (particularly in the higher altitudes), till the crest of the Southern Alleghanies is reached.

	Each		10		100	
9 to 12 in. clumps	ŞI	25	\$10	00	\$ 90	00
12 to 18 in. clumps	- 1	75	16	00	114	00
18 to 24 in, clumps	3	00	28	00	255	00
2 to 3 ft. clumps	4	00	36	00	340	00

LEIOPHYLLUM buxifolium, Box Sandmyrtle. 1 to 3 ft.

A dainty low shrub with small, narrow evergreen leaves, and in Mny or early June profusely covered with white heath-like flowers set with pink stamens.

LEUCOTHOE enteslinet, Drooping Leucothoe. 3 to 8 ft.

Few shrub evergreens of the broadlenf sort linve the grace of this one. The thick, shining green leaves are evenly disposed on long recurved branches with dense racemes of beautiful, white, bell-shaped flowers. As an under-shrub or for banks and borders of streams it is without a rival. One of the most useful of all evergreens for edging the Rhododendron or Azalea plantation. The sprays make beantiful winter decorations indoors, turning a rich bronze in the fall where exposed to the sun. Thousands of specimen champs at Boxford-Highlands Nursery.

	\mathbf{E}_{i}	ich	10	100
12 to 18 in, clumps 5	31	00	\$8 60	\$80 00
18 to 24 in. clumps	1	50	14 00	120 00
2 to 3 ft. clumps	2	25	20 00	192 00
2 to 3 ft. extra elumps	3	50	30 00	270 00

PACHÝSANDRA terminulis, Japanese Pachysandra. 6 to 9 in.

A low shrub largely used as a ground cover in dense shade and for edging shrubberies. Foliage glossy, light green.

Each 10 100 Strong \$ 40 \$3 00 \$20 00

PIERIS (Andromeda) floribunda, Mountain Andromeda. 2 to 6 ft.

One of the linest of all broadleaf American shrubs. Compact growth, with shining evergreen leaves and abundant racemes of showy white flowers in May. The next season's buds appear after the flowering season and give the plant the appearance of being in bloom the year round. My stock is all strictly Americangrown.

	Each		10	
9 to 12 in	.\$1	50	\$14	00
12 to 18 in	. 2	25	20	00
18 to 24 in	. 3	50	30	00
2 to 3 ft	5	00	45	00

"COLLECTED" RHODODENDRONS AND KALMIAS

The most striking landscape effects are produced by massing our wonderful native broadleaf evergreens. I grow them by thousands and supply also a select grade of "collected" clumps, that will give immediate effect, each plant a specimen balled and burlaped. The "cheap" collected stock sent out by "mushroom" collectors often fails—the best is always cheapest. The native species are hardy. These clumps may be safely shipped from early spring till June first, then again in August and thru the fall months, but early shipments are always desirable.

			Approx.
KALMIA LATIFOLIA	Per 100	Per 1000	No. to enr
1 to 2 ft. "collected" clumps	850 00	\$450.00	1000-1-100
2 to 3 ft. "collected" clumps	85 00	700 00	700-1000
3 to 4 ft. "collected" clumps	125 00	1100 00	500-700
RHODODENDRON CATAWBIENSE (Truc Species)			Approx.
The finest hardy broadlenf evergreen for foliage effects.	Per 100	Per 1000	No. to car
1 to 2 ft. "collected" clumps		\$600.00	1000-1400
2 to 3 ft. "collected" clumps	110 00	850 00	700-1000
3 to 4 ft. "collected" clumps		0.00 00	500-700
4 to 5 ft. "collected" clumps	100 00		300-400
4 to 5 ft. conceted champs	100 00		1300-100
RHODODENDRON MAXIMUM			Approx.
	Per 100	Per 1000	No. to car
1 to 2 ft. "collected" clumps	\$60 00	\$550 00	1000-1400
2 to 3 ft. "collected" elumps		750 00	700-1000
3 to 4 ft. "collected" clumps		1250 00	500-700
4 tc 5 ft. "collected" clumps.			300-400
Carried Paullested's alumns will be made un Smirad's if deci		to eigee or kinde	Rudoning

Cars of "collected" clumps will be made up "mixed" if desired, both as to sizes or kinds. Burlaping is recommended and will be charged for as per schedule on page 1.

An extra grade of selected collected clumps can be supplied at, 25 per cent to 50 per cent advance to above prices, depending on how perfect the specimens are.



The true RHODODENDRON CATAWBIENSE. Red-purple The finest foliaged of all Rhododendrons

HARDY AMERICAN PLANTS KELSEY'S

DECIDUOUS TREES AND SHRUBS

The sizes immediately following the names indicate the hights attained of the Trees, Shrubs, and Plants in a wild state; under cultivation they usually reach and often exceed the lesser hight given.

ACER buergerianum. Each 10	
ACER Knorgerianiim. Each 10	
10 to 15 in 8 EU 84 UU	
dasycarpum (saccharinum), Silver Maple.	
dasycarpum (saccharmant), Steven MATES.	
50 to 120 ft.	
Rapid growth; open, pendulous habit; light	
green leaves; for quick effects desirable, but	
not as desirable for general use as many other	
species.	
14 to 18 ft \$5 to 12 50 each	
giunala, AMUR MAPLE. 12 to 20 ft.	
Handsome foliage, turning bright red in	
autumn. Each 10 100	
2 to 3 ft\$ 75 \$5 00 \$45 00	
4 to 8 ft. clumps \$2 to 4 00 each	
A to 5 ft, climps,	
platanoides, Norway Maple. 50 to 100 ft.	
Large, handsome tree, much used for street	
planting. Leaves turn pale yellow in fall.	
Each 10 100	
6 to 8 ft\$1 50 \$12 00 \$100 00	
8 to 10 ft. 1 1/4 to 11/2	
	i
111, 0.111	
8 to 10 ft. 1¾ to 2 in.	-
cal 3 00 28 00	
10 to 12 ft. 1¾ to 2	
in, cal 3 50 30 00 280 00	Ì
10 to 12 ft. 2 to 21/2	j
in. cal 4 00 36 00	ı
	1
10 to 12 ft. 3½ to 4	1
in, cal 4 50 40 00	1
12 to 14 ft. 2 to 21/3	
in. cal 4 50 40 00	1
12 to 14 ft. 314 to 4	١
in. cal 5 00 45 00	1
10 to 11 ft A to 5 in and appairmen \$10,00 to	1
12 to 14 ft. 4 to 5 in. cal. specimen \$10 00 to	1
\$15 00 each.	ı
rubrum, Red Maple. 50 to 120 ft.	١
One of our most beautiful native trees. Attrac-	ł
tive at all seasons. Very early searlet flowers	1
followed by the state and family in complex assertions	- 1
tollowed by bright red trutt in early spring;	١
followed by bright red fruit in early spring;	
bright scarlet and orange Inlinge in autumn.	
bright scarlet and orange Inlinge in autumn. Each 10	
bright scarlet and orange Inlinge in autumn. Each 10 2 to 3 ft \$ 35 \$ \$3 20	
bright scarlet and orange Inlinge in antumn. Each 10 2 to 3 ft \$ 35 \$3 20 3 to 4 ft 50 4 00	
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bright scarlet and orange Inlinge in antumn. Each 10 2 to 3 ft \$ 35 \$3 20 3 to 4 ft 50 4 00 4 to 5 ft 75 6 00 5 to 6 ft 1 00 8 00 6 to 8 ft 2 00 16 00	
bright scarlet and orange Inlinge in antumn. Each 10 2 to 3 ft\$ 35 \$3 20 3 to 4 ft 50 4 00 4 to 5 ft 75 6 00 5 to 6 ft 1 00 8 00 6 to 8 ft 2 00 16 00 muccharum, Sugar Maple. 60 to 120 ft.	
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ARONIA arbutifolia, Reo Chokeberry. 6 to
    One of our most showy, red-fruited shrubs for
    winter effect and for planting in Rhododendron
    beds and in shrubheries; autumn coloring
                        Each
    bright scarlet.
                                   10
                                           100
                                  $3 50
                                          $30 00
      9 to 12 in..... $ 40
      1 to 2 ft. ......
                            60
                                   5 00
                                           40 00
  atropurpurea (floribunda), Purple Choke-
    BERRY. 6 to 12 ft.
Purplish black fruit. All the Aronias have
    showy white flowers and conspicuous fruit.
                         Each
                                   10
      6 to 9 in.....$ 40
                                  $3 50
  melanocarpa, BLACK CHOKEBERRY. 3 to 6 ft.
    Dense growth; fine for border; black fruit and
    masses of showy white hlossoms.
                          Each
                                   10
      18 to 24 in. clumps $ 45
                                  $4 00
                                         $35 00
      2 to 3 ft. clumps . . .
                                           40 00
                                   5 00
      3 to 4 ft. clumps ...
                            80
                                   7 20
                                           60 00
      4 to 5 ft. clumps...
                          1 00
                                   8 00
  melanocarpa elata, GLOSSY CHOKEBERRY. 6
   to 10 ft.
   A tall broad form of previous species.
                         Each
                                  10
     9 to 12 in......
                                  $6 00
                          $ 65
 melanocarpa grandifolia,
Chokeberry. 6 to 10 ft.
                                 GREAT
                                         Black
   Fruit black and lustrous, drooping on long
   stems and remains on plant until beginning of
                                  10
   winter.
                        Each
      2½ to 3 ft. .....
                                  $4 00
                          $ 50
     3 to 4 ft. ......
                            85
                                   7 50
 melanocarpa and Clethra alnifolia,
 Mixen Glumps.
     2 to 4 ft. clumps $2 to $6 00 each
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AZALEA arborescens, Sweet Azalea. 8 to 20 ft. In June the delightfully spicy, fragrant white flowers, with pink stamens, appear in profusion, for weeks. Becomes a spreading lasting clump 3 to 6 feet hroad in cultivation; easy culture. The foliage of this variety often colors striking shades of red in late autumn, and is the best of all the genus. The clumps offered have from twenty-five to one hundred stems and are heavily budded.

10 Each 12 to 18 in, clumps \$1 75 18 to 24 in, clumps 3 00 \$16 00 \$140 00 28 00 260 00 2 to 3 ft. clumps . . 4 50 42 00 400 00 3 to 4 ft, clumps ... 7 00 64 00 600 00

Inten (calendulacea), FLAME AZALEA. 6 to 15 ft. The most regal of all the species, native or exotic, and a noble representative of our rich Carolina mountain flora. Bartram, speaking of it in his "Travels," calls it the "fiery Azalea," and says: "This epithet fiery I annex to this most celebrated species of Azalea as heing expressive of the appearance of its flowers, which are in general of the color of the finest red lead, orange, and bright gold as well as yellow and cream color. This is certainly the most gay and brilliant-flowering shrub yet known." No more striking landscape effect can be produced than a hillside of A. lutea in full bloom. Nearly all quoted above 18 in. arc budded. These A. lutea are splendid clumps with a mass of buds, and range in color from

light solphur-yellow to deep red. Where the eolors are picked, a special charge will be made.	BETULA papyrifera (papyracea), Canoe Birch.
Each 10 100	60 to 120 ft. Very ornamental, white-barked tree, of greatest
18 to 24 in. clomps \$2 00 \$18 00 \$172 00 2 to 3 ft. clomps 3 00 28 00 260 00	value for contrasting effects with evergreens.
2 to 3 ft. clomps 3 00 28 00 260 00 3 to 4 ft. clumps 5 00 48 00 440 00	Each 10 100 6 to 7 ft \$1 25 \$10 00 \$80 00
Selected eolors double prices above.	8 to 10 ft 2 50 20 00 160 00
AZALEA vaseyi, PINKSHELI, AZALEA. 6 tn 15 ft.	populifolia, GRAY BIRCH. 15 to 40 ft.
This showy Azalea was discovered only as late as 1878, and introduced by Highlands Nursery	Grown in clumps, is conspicuous as a gray- barked shrub with delicate twigs and cut foliage.
very soon after. It is of easy culture, and is	Each 10 100
perhaps the most profose bloomer of all the	6 to 12 in. Seedlings \$ 25 \$1 25 \$9 00
native species, and the more conspicooos, as its white, pink, or deep rose-colored flowers	6 to 8 ft 1 00 8 00
appear in early April or May before the foliage.	CALYCANTHUS floridus COMMON SWEET-
Of erect, slender habit naturally, in collivation	Flowers dark reddish brown with spicy frn-
it becomes more spreading, while retaining the charming light stem growth. Automn oscally	grance.
torns the leaves a deep dark crimson, greatly	Each 10 1 to 2 ft. elumps \$ 75 \$6 00
enhancing its beauty and value.	CARAGANA urborescens cuncifolia,
Each 10 100 12 to 18 in\$1 25 \$10 00 \$ 90 00	Ench 10
18 to 24 in 2 25 20 00 180 00	1 to 2 ft \$ 40 \$3 60 CARPINUS carolinium (americana), American
2 to 3 ft 3 50 32 00 300 00	Hornbeam. 15 to 40 ft.
3 to 4 ft 5 00 48 00 viscosa, Swamp Azalea. 5 to 15 ft.	Bushy small tree; dense but slender branches;
Late-blooming with small, white, fragrant	foliage colors orange-yellow and scarlet in fall. Fine as a clipped hedge plant.
flowers in Jone and July. Arborescens and viscosa love moistore.	Each 10 100
Each 10 100	3 to 4 ft \$ 60 \$5 00 \$40 00 4 to 6 ft 75 6 00 48 00
12 to 18 in. clumps \$1 00 \$ 8 00 \$ 72 00	0 to 8 ft 1 25 10 00 80 00
18 to 24 in. elumps 1 75 16 00 140 00 2 to 3 ft. elumps 3 00 28 00 260 00	8 to 10 ft 2 50 20 00
yodogawa, Lavenuer Azalea. 4 to 10 ft.	10 to 12 ft 4 00 CASTANEA pumila, Chinkapin. 3 to 25 ft.
A hardy Japanese or Korean variety with	A fine shrub; abundant catkins of bright yellow
spreading habit. Flowers quite double, rose-	or white flowers, followed by burs enclosing
15 to 18 in\$2 50 each	delicions nots one third the size of chestnuts. Suitable in the border and on dry and rocky
BERBERIS sicholdi, Siebolu Barberry. 2 to	slopes; a splendid ornamental, and valuable for
4 ft. Leaves purplish when young, deep vinous red	fruit. Hach 10 1 to 2 ft 8 80 86 00
in automa. Bright lostroos red fruit.	1 to 2 ft \$ 80 \$6_00 2 to 2½ ft 1 00
Each 10 100 2½ tn 3 ft \$ 40 \$3 60 \$32 00	CATALPA speciosa, Western Catalpa. 50 to
2½ tn 3 ft\$ 40 \$3 60 \$32 00 thunbergi, Japanese Barnerry. 2 to 10 ft.	100 ft. Desirable ornamental; quick growth; showy
One of the best known of hedge plants; com-	panicles of white flowers.
pact growth and scarlet fruit. Each 10 100	5 tn 9 ft \$ 75 to \$2 00 cach CEPHALANTHUS occidentalis, Common But-
12 to 18 in\$ 40 \$3 20 \$28 00	TONBUSH. 3 to 12 ft. Good shrub for wet
18 to 24 in 60 4 80 40 00	locations. Each 10
thunbergi maximowiczi. 2 to 10 ft. An interesting variety of the type, with foliage	1 to 2 ft \$ 35 \$2 ₁ 80 CHIONANTHUS virginlen, White Fringe. 5 to
bright green beneath. Each 10	30 ft.
18 to 24 in\$1 00 \$ 8 00 2 to 3 ft 1 50 12 00	Spreading shrub; in early June a mass of
vulgaris, European Barberry. 4 to 10 ft.	fragrant, drooping, white flowers; followed by showy dark blue fruit.
One of the very best. Handsome in spring,	Each 10
with golden yellow flowers and light green foliage; bright searlet fruit hanging through	2 to 3 ft \$1 00
winter. Each 10 100	4 to 5 ft 3 00 24,00
1 to 2 ft \$ 35 \$2 40 \$20 00 2 to 3 ft 50 4 00 30 00	CLETHRA ucuminata, Cinnamón Clethra. 8 to 15 ft.
Hort, var. of Berberis.	From the Carolina mountains; conspicuons
Box Barnerry. 1 to 2 ft.	red bark and drooping racemes of white
A dwarf horticoltoral form of thunbergi used for low hedges and edging.	flowers. Each 10 18 tn 24 in \$ 60 \$4 40
Each 10	2 to 3 ft
9 to 12 in\$1 50 \$12 00 12 to 15 in 2 00 18 00	alnifolia, Sweet Clethra. 3 to 10 ft.
12 to 15 in 2 00 18 00 BETULA alba, European White Birch. 40 to	A mass of very fragrant white flowers in late summer when flowering shrubs are rare.
60 ft.	Each 10 ·
Fine white bark; of great use for planting among evergreens for contrast; best effect	18 to 24 in. clomps \$ 65 \$6 00 2 to 3 ft. clomps 80 7 50
when plants have several stems.	tomentosa, Woolly Cletika. 2 to 8 ft.
' Each 10 100 1000	Similar to the Sweet Clethra and invaluable,
6 to 12 in. Seedlings \$ 20 \$1 25 \$10 00 \$90 00 1 to 2 ft. Seedlings . 25 1 50 12 00 115 00	as it flowers two or three weeks later. Each 10 100
10 to 20 ft. \$2 to 10 00 each	9 to 12 in \$ 50 \$4 00
2'	7

THE BEST HARDY AMERICAN AZALEAS



1. Azalea viscosa 2. Azalea nudiflora 4. Azalea lutea

3. Azalea vaseyi 5. Azalea arborescens

CORNUS alternifolia, Pagoda Dogwood. 10 to 25 ft. Very picturesque shrub or small tree, flat top and bushy. Horizontal branches are disposed in whorls representing each annual growth. Each 10 3 to 4 ft. Seedlings. \$ 30 \$2 50 florida. Flowering Dogwood. 10 to 40 ft. One of the most beautiful American flowering small trees. Each 10 3 to 4 ft	COTONEASTER Incida. 8 to 12 ft. Flowers in nodding corymbs, May, June. Fruit purplish-black. Each 10 6 to 12 in
aurea). 6 to 10 ft.	Red fruit; a fine variety.
Golden yellow branches.	
Each 10	
	I to 2 ft. seedlings \$ 60 \$4 00
1 to 2 ft \$ 45 \$3 50	nunctata, Dotted Hawriorn. 10 to 25 ft.
2 to 3 ft 60 4 00	Dull red fruit in October fulling soon. One of
Redflowering Dogwood (florida rubra). 10	the finest for hedges and shrubberies, branches
to 40 ft.	spreading horizontally.
A splendid stock of this choice variety. The	Each 10
Dogwoods are invaluable for woods planting.	3 to 4 ft \$ 50 \$4 40
The scarlet fruit in antumn and early winter is	4 to 6 ft 1 00 8 00
very showy and fine for bird lood.	rotundifolia, Roundleaf Hawthorn. 10 to
Each 10	20 ft.
3 to 4 ft\$2 25 \$20 00	Bright red fruit; usually a large shrub.
4 to 5 ft 3 50 30 00	Each 10
5 to 6 ft 5 00 40 00	12 to 18 in \$ 75 \$6 00
6 to 7 ft 7 00 60 00	tomentosa, Pear Hawthorn. 12 to 20 ft.
4 to 7 ft. heavy specimens \$6 to 18 00 caeli	Fruit yellow or yellowish red. Conspicuous.
0 to	Each 10
CORYLUS rostrata, BEAKEO HAZELNUT. 2 to	1 to 2 ft. seedlings \$ 60 \$5 00
6 ft. A splendid undershrnb for woodlands and a	One of the best low forms. Pure white flowers.
good border plant. Each 10	May and June. Each 10
2 to 3 ft \$ 50 \$4 00	
2 to 0 ft 9 00 94 00	12 to 15 in \$ 50 \$4 00 seabra crewata, Scallop Deutzia. 4 to 6 ft.
COTONEASTER dielsiana. 4 to 6 ft.	Double white flowers tinged with pink.
A very desirable shrub, with spreading and	Each 10
arching branches and red fruit.	2 to 3 ft \$ 75 \$6 00
Each 10	Hort, vur. of Deutzin.
18 to 24 in\$1 00 \$ 8 00	LEMOINE D. (lemoinei), 3 to 4 ft.
2 to 3 ft 1 50 12 00	One of the best Lemoine Hybrids, very vigorous
horizontalis (davidiana). 6 in. to 2 ft.	and more showy flowers than D. gracilis.
Low spreading shrub of extreme beauty when	Each 10
planted over boulders and uniong rocks.	12 to 15 in\$ 50 \$4 00
Glossy foliage; graceful habit; brilliant searlet	Prior of Rochester. 4 to 6 ft.
fruit.	Very large flowers faintly tinged with rose
Each 10	outside. One of the best horticultural varie-
9 to 12 in\$1 50 \$14 00	ties.
12 to 18 in 2 50 24 00	Each 10
18 to 24 in 3 50 30 00	2 to 21/4 ft \$ 50 \$4 00
integerring. 3 to 4 ft.	DIERVILLA rivularis, GEORGIA BUSH-HONEY-
A very good species with glossy foliage and	SUCKLE. 4 to 6 ft.
scarlet fruit.	Yellow flowers, July, August; one of the best
Each	undershrnbs.
18 to 24 in\$2 00	Each 10
2 to 2½ ft 3 00	2 to 3 ft \$ 50 \$4 30
25 10 2/2 10	

DIERVILLA sessilifolia, Southern Bush- noneysuckle. 3 to 5 ft.	HALESIA tetraptera monticola, Mountain Silverbell. 40 to 90 ft.
Sulphur-yellow flowers, very free bloomer in June, July. Makes a dense shrub. Each 10 100	New variety, introduced by Highlands Nursery. Splendid pyramidal tree; a mass of silvery bell-like flowers in April and May.
1 to 2 ft\$ 50 \$4 00 \$32 00 2 to 3 ft 75 6 00	Each 18 to 24 in\$1 00
EUONYMUS alatus, Wingeo Euonymus. 6 to 10 ft.	2 to 3 ft 1 50 IIAMAMELIS virginiana, Common Witch-
One of the most conspicuous, with brilliant scarlet fruit and foliage turning crimson in	HAZEL. 10 to 25 ft. Fine undershrub. Yellow flowers in late fall as the leaves are falling.
autumn; branches stiff with eorky wings. Each 10 12 to 18 in	Each 10 2 to 3 ft \$ 35 \$ \$ 20
2 to 3 ft	HYDRANGEA arborescens, SMOOTH HYORANGEA. 4 to 6 ft.
bungeanus. 10 to 15 ft. Slender branches; large scarlet fruits, hanging	Fine for shady places. Each 10 6 to 12 in\$ 30 \$2 40
on till late. Each 10	1 to 2 ft 50 4 00 quercifolia. Oakleaf Hyorangea. 4 to 10 ft.
2 to 3 ft	Very eonspicuous shrub, with tomentose branches and leaves.
ft. Bright searlet fruit in greatest profusinn.	Each 10 12 to 18 in\$ 75 \$6 00
Each 10 2 to 3 ft	11YPERICUM aurcum, Goloen St. Johnwort. 2 to 4 ft.
3 to 4 ft	An erect shrub with large, shining leaves. Flowers very large, 2 inches across, bright yellow with broad, conspicuous petals, their
Lurge, handsome foliage and pendulous fruit. Each 10	centers tufted with golden filaments. July to August.
12 to 18 in\$ 40 \$ 3 50 2 to 3 it	Each 10 1 to 2 ft\$ 35 \$3 20 densiflorum. 2 to 4 ft.
3 tn 4 ft 1 50 12 00 4 tn 5 ft 2 00 18 00	Flowers small, but in such profusion as to densely cover the plant with a mantle of yellow.
FAGUS americana, American Beecu. 40 to 120 ft. One of the best native trees for lawn or woods.	.luly. Each 10 100 18 to 24 in\$ 40 \$3 00 \$24 00
Grows well in dense shade as an undershrub. The white or gray bark is most conspicuous.	2 to 3 ft 50 4 00 30 00 prolificum, Surubby St. Johnwort. 2 to 4 ft.
Each 10 2 to 3 ft	The form growing on mountains is of elegant compact growth and valuable as a hedge plant.
4 to 5 ft 2 00 18 00 sylvation, European Bergh. 80 to 100 ft.	The folioge is dark green and abundant, as are the bright yellow blossoms which appear in July and continue till September.
Compact growing tree; very useful for hedges. Each 10	Each 10 1 to 2 ft \$ 40 \$3 60
18 to 24 in\$1 00 \$8 00 FORSYTHA Intermedia, Border Forsythia.	2 to 3 ft 50 4 00 ILEX monticola, MOUNTAIN WINTERBERRY.
10 to 15 ft, Floriferous; golden yellow. Ench 10	15 to 40 ft. Bright red fruit in profusion; largest of the decidnous Hollies.
18 to 24 in\$ 35 \$3 00 2 to 3 ft 50 4 00	Each 10 18 to 24 in\$ 30 \$2 40
Hort, var of Forsythia. Fortune Forsythia (suspensa fortunei). 10 tn	2 to 3 ft 40 3 60 3 to 4 ft. elumps 1 00 8 00
12 ft. Dark-green folinge, arching branches, and golden yellow flowers with twisted petals.	verticillata, Common Winterberry. 6 to 15 ft. Perhaps the finest winter shrub, the searlet
Each 10 3 to 4 ft	fruits remaining on till late winter. Each 10
4 to 5 ft	12 to 18 in. clumps \$ 45 \$4.00 18 to 24 in. elumps 60 5 00 2 to 3 ft. clumps 1 00 8 00
12 ft. Strong, thick-growing type.	ITEA virginiea, Sweetspire. 2 to 6 lt. Fine shrub for wet or dry locations; very
Each 10 234 to 3 ft \$ 50 \$4 00 3 to 4 ft	fragrant finwers in June and July; leaves eolor brilliant bronzes in fall.
GENISTA the torin, Woadwaxen. 1 to 3 ft. This is the shrub that makes the Salem "pas-	Each 10 12 to 15 in\$ 35 \$3 00 JASMINUM nudiflorum, WINTER JASMINE. 3
tures" a sheet of golden yellow in June. A fine undershrab for massing and rockwork.	to 6 ft. Very interesting drooping shrub, with yellow
Each 10 9 to 12 in \$ 30 \$2 50	flowers, very early spring before leaves. 6 to 12 in\$ 50 \$4 00

The sizes immediately following the names indicate the hights attained of the Trees, Shrubs, and Plants in a wild state; under cultivation they usually reach and often exceed the lesser hight given.

LARIX europaea (decidua), European Larch.	MALUS arnoldiana, Arnold Crab.
60 to 100 ft.	Seedling variety of floribunda; originating in
One of the best known Larenes of pyramidal	Arnold Arboretum, but dwarfer than parent.
growth.	Its long spreading and arching branches are
Each 10	very graceful, and flowers are produced on
1 to 2 ft \$ 50 \$4 00	stems twice as long as floribunda. Considered
· leptolepis (kaempferi), Japanese Larcii. 60	by some most beautiful of all; yellow fruit.
to 80 ft.	Each 10
Beautiful Japanese species, rapid growth,	18 to 24 in \$ 60 \$5 00
foliage light bluish-green, very handsome as	240 251 25 200
lawn tree.	2 to 3 ft 75 6 00
Each 10	atrosanguinea, Carmine Crau. 15 to 20 ft.
	This plant has the habit of M. floribunda, of
3 to 4 ft \$2 00	which it is a probable hybrid. The brilliant
4 to 6 ft 3 00 \$24 00	red flowers of this Flowering Crab are not
LEUCOTHOE racemosa, SWAMP LEUCOTHOE.	surpassed.
4 to 10 ft.	Each 10 100
A Southern species which has proved hardy and	3 to 4 ft \$ 75 , \$6 00
very desirable in shrub border.	4 to 5 th 1 20 10 00 con 00
Each 10	4 to 5 ft 1 20 10 00 \$90 00
18 to 24 in \$ 60 \$5 00	5 to 6 ft 2 00 18 00
2 to 2½ ft 80 7 20	baccata mandshurica, Manchurian Cran.
recurva, REOTWIG LEUCOTHOE. 3 to 10 ft.	15 to 20 ft.
Similar to preceding but more spreading and.	Low densely branched tree, pure white flowers
beautiful, recurved, red twigs.	over 1 inch across, and more fragrant than any
Each 10 100	other Asiatic Crabapple; fruit the size of a big
18 to 24 in \$ 60 \$5 00 \$40 00	pea, yellow-red.
	12 to 18 in\$1 00 each
	12 to 18 in.,
LIGUSTRUM amureuse, Amur Privet. 4 to	coronaria, Wild Fragrant Cran. 15 to 20 ft.
8 ft.	Native Crab. White and pink flowers of most
Very hardy, upright growth, like California	delightful and penetrating fragrance. Fruit
Privet, which is so uncertain of hardiness.	makes a fine jelly.
Fine hedge plant and clips well.	Each 10
Each 10 100	2 to 3 ft \$ 60 \$4 00
1 to 2 ft \$ 25 \$2 00 \$18 00	3 to 4 ft 75 0 00
2 to 2½ ft 40 3 20 24 00	
Hort. var. of Lignstrum.	floribunda, Japanese Flowering Crab. 15
REGEL PRIVET (ibota regelianum). 3 to 8 ft.	to 25 ft.
Another very hardy sort, spreading habit; fine	Prnfessor Sargent, Director of the Arnold
purple fruit.	Arboretum says: "This is one of the handsomest
Ench 10 100	and most satisfactory of all flowering trees for
18 to 24 in \$ 40 \$3 50	this climate; it blooms every year without fail,
2 to 3 ft 60 4 00 \$36 00	The bright pink flower-buds are very beautiful;
3 to 4 ft 1 00 8 00	and the masses of small flowers, which com-
LONICERA bella albida. 6 to 15 ft.	pletely cover the branches are at first pink and
The white variety of Lonicera bella.	then gradually become white." Yellowish fruit
Each 10	about the size of a pea. Fruit hangs until
1 to 2 ft \$ 60 \$4 00	late spring, farnishing fine winter food for birds.
	Each 10
morrowi, 4 to 8 ft.	2 to 3 ft \$ 60 \$5 00
White flowers, turning yellowish; blood-red	3 tn 4 ft 75 6 00
fruit.	4 to 5 ft 1 20 10 00
Each 10	
1 to 2 ft \$ 60 \$4 00	ioensis florepleno, Becutel Cran. 10 to 15 ft.
muendeniensis. 6 tn 12 ft.	One of the showiest of double flowered forms
One of the best forms from Arnold Arboretum.	with bright pink flowers.
White or pinkish flowers, red fruit.	Each 10
Each 10	2 to 3 ft\$1 00 \$8 00
6 to 12 in. Seedlings \$ 30 \$2 40	3 to 4 ft 1 75 15 00
15 to 18 in. Seedlings 60 5 00	micromalus, Midget Cran. 10 to 15 ft.
LYONIA ligustrina, PRIVET ANDROMEDA. 4 to	Very rare Japanese variety; small pale pink
10 ft.	deliente flowers followed by light yellow fruit.
A fine cricaceous plant, with nodding racemes	
of flowers in terminal panieles: glossy foliage.	12 to 18 in\$1 00 each
Each 10	niedzwetzkynna, Renvein Cran. Small tree.
18 to 24 in \$ 60 \$5 00	This comes from Russian Turkestan and "is
2 to 3 ft 75 6 00	remarkable in the dark purplish-red color of
MALUS angustifolia, Southern Cras. 20 to	the flowers, branches, leaves and fruit." One
30 ft.	of first to bloom.
Flowers fragrant; latest of American species to	Each 10
flower, and deeper pink than other native	2 to 3 ft \$ 75 \$6 00
species: fruit yellow-green.	3 to 4 ft 1 00 8 00
Each 10	4 to 5 ft 1 50 14 00
12 to 15 in \$ 75 \$6 00	5 to 6 ft 2 00 18 00
12 to 13 m, \$ 15 30 00	



Malus floribunda, Japanese Flowering Crab

THE FLOWERING CRABS

(Maluses)

The Flowering Crabs have few rivals among gorgeous spring-flowering trees and shrubs. At the Arnold Arboretum one of the important events of the year is the blooming of the Crabs, followed by the showy fruit.

They are of easy culture, and whether planted singly or in masses, give remarkable and quick results. Not only are the Flowering Crabs beautiful on the small lawn, but they are used to greatest advantage on a large scale in woodland and other mass plantings. as are Dogwoods and Hawthorns. No group of plants have greater value for enlivening open forest parks and the country roadside. They present striking effects when planted on parking strips of boulevards and wide, city streets.

	
MALUS parkmani, PARKMAN CRAB. 12 to 20 ft. A shapely small tree forming narrow vase-like head. Globose reddish fruit size of a small pea. Very fine rose-colored flowers on long	MYRICA carolinensis (cerifera), NORTHERN BAYBERRY. 2 to 8 ft. The finest of ground-covers; dark glossy foliage and conspicuous white fruit in profusion,
slender stems.	hanging till into spring.
Each . 10 3 to 4 ft\$1 00 \$8 00 4 to 5 ft 1 50 12 50 5 to 6 ft 2 00 18 00	Each 10 100 6 to 12 in \$ 35 \$2 80 \$22 00 gale, Sweetgale. 3 to 6 ft. Clean shrub with fine foliage covered with eatkins in early spring. Fine for borders of
prunifolia rinki (ringo), Chinese Apple. 15 to 18 ft.	ponds. Each 10 100
Wide spreading, small tree with pinkish flowers and yellow fruit; quite juicy and edible.	12 to 18 in \$ 40 \$3 20 \$28 00 18 to 24 in. clumps 80 7 00 60 00
Each 10 ' 18 to 24 in \$ 75 \$6 00 2 to 3 ft 1 25 10 00	OSTRYA virginiana, HOPHORNBEAM. 15 to 40 ft. Clean-growing tree, and fine for hedges. Each 10
20 to 40 ft	3 to 4 ft\$1 00 \$8 00
robusta. 20 to 40 ft. This is the handsomest of white flowered Crabs and one of the most beautiful spring flowering	OXYDENDRUM arborenm, Sourwooo. 15 to 60 ft.
trees. Fragrant, pure white flowers more than 1 inch in diameter; fruit dull red.	This cannot be recommended too highly. New twigs are bright red and foliage colors brilliantly in autumn. Profusion of flowers
Each 10 18 to 24 in \$ 75 \$6 00 2 to 2½ ft 1 00	resembling Lilies-of-the-valley in drooping racemes. Should be planted very freely. Each 10 100
sargenti, SARGENT CRAB.	1 to 2 ft \$ 40 \$3 20 \$30 00
Low shrub growing naturally on borders of	2 to 3 ft 60 5 00 40 00
salt marshes. Small flowers in crowded clus- ters; white or pale straw color flowers; bright	3 to 4 ft 80 7 20 60 00
scarlet fruit remains on branches till spring.	4 to 5 ft 1 00 8 00 70 00 P11ELLODENDRON amurense. 30 tn 50 ft.
Each 10	PHELLODENDRON amureuse. 30 tn 50 ft. Annual branchlets orange-yellow ur yellowish
6 to 12 in	gray. A new tree of great value. Euch 10
scheideckeri, Scheidecker Crab.	9 to 12 in \$ 50 \$4 00
Small pyramidal tree; small pink flowers in greatest profusion. Should be in every collec-	sachalinense. 40 tn 50 ft. The hardiest species and a spleadid tree; showy black fruit in bruad panicles.
tion. Each 10	Each 10 100
2 to 3 ft \$ 75 \$6 00	1 to 2 ft \$ 50 \$4 00 \$30 00 2 to 3 ft 75 6 00
Large tree-like shrub and one of the hand- somest of the Crabs. Large flowers and	3 to 4 lt
bright red lustrous fruit. Each 10	Fragrant flowers, dense racemes, white or often
12 to 18 in \$ 60 \$5 00 18 to 24 in 1 00 8 00	light creamy tone. May and June. Each 10 12 to 15 in \$ 60 \$5 00
spectabilis, Chinese Flowering Cras. 15	conounrins grandiflorus, BIG SWEET MOCK-
to 25 ft. Tall Shrub or small tree, with erect, slightly	ORANGE. 8 to 12 ft. Larger flowers than in the species. Each 10
spreading stems, large pink flowers, more or less double, and medium-sized yellow fruits.	1 to 2 ft \$ 60 \$5 00
Each . 10	lemoinel, LEMOINE MICKORANGE. 5 to 8 ft.
2 to 3 ft \$ 75 \$6 00 3 to 4 ft 1 00 8 00	Tree flowering in dense racemes, having delicate but charming perfume. Each 10
toringo, Toringo Cran.	1 to 2 ft \$ 60 \$5 00
Shrubby, small pink flowers, late.	PIERIS mariana, Staggerbush. 2 to 4 ft.
Each 10 21/2 to 3 ft\$1 00 \$8 00	A dainty ericaceous plant with drooping white or pale pink flowers in May. Each 10 100
toringoides. 20 to 30 ft.	6 to 9 in \$ 40 \$3 00 \$20 00
Small tree with gracefully drooping branches, white flowers and small pear-shaped red fruit. 18 to 24 in\$1 00 each	POPULUS simoni, Simon Poplar. Rapid grower, useful as quick growing wind-break.
zumi, Zumi Cran.	Each 10
Pink and white flowers. Slender tree from elevated regions of Central Japan.	18 tn 24 in\$ 75 \$6 00 2 to 2½ ft 1 00 8 00
18 to 24 in\$1 00 each	Hort. var. of Populus. Lombarov Popular (nigra italica; fastigata). 40
MENZIESIA pilosa, ALLEGHANY MENZIESIA. 2	to 60 ft. Of great value for places where a columnar
to 6 ft. Very fine cricaceous plant, with pink bells and	tree is needed; not long lived. Each 10 100
bright red bark. Each 10 100	2 to 3 ft \$ 30 \$2 00 \$16 00
12 to 18 in \$ 60 \$4 00 \$35 00 18 to 24 in 75 6 00	3 to 4 ft 40 3 20 24 00 4 to 5 ft 60 4 00 36 00
	33

	_	_	
PRUNUS americana, AMERICAN PLUE	M.	8	to
A fine species for thickets and borders		10	^
Each 10 9 to 12 in. Seedlings \$ 15 \$1 25 1 to 2 ft	4 ft	10 10 24 d J	00
Each 10		10	0
2 to 3 ft \$ 40 \$3 60 3 to 4 ft 60 5 00	\$	32 40	00 00
maritima, BEACH PLUM. 2 to 10 ft. Low bush, splendid for shore plant sandy locations; a shower of white flearly spring; showy purple fruit whice fine jelly. Each 10	ow	ers	in
6 to 12 in\$ 35 \$2 50 1 to 2 ft60 4 00			
pumila, Sanocherry. 4 to 8 ft. Becoming decumbent; showy flowers; black fruit.	pı		
Each 10 18 to 24 in \$ 50 \$3 50		100	=
2 to 2½ ft 75 6 00		45	00
tomentosu, Manchu Plum. 8 to 15 It Small tree or dense bush; flowers wi with bright red ealyx.		, b	ut
Each 10 12 to 18 in \$ 50 \$4 00			
virginiana leucocarpa, Amber Cuok 6 to 12 ft	EB	ERR	Y.
Showy yellow fruited variety.			
9 to 12 in \$ 35 \$3 00			
QUERCUS macrocurpa, Mossycup Oak 160 ft.	. ;	80	to
Spreading branches, forming a broad head,	l r	our	ıd
8 to 12 ft\$4 to 8 00 each palustris, Pin Oak. 80 to 120 ft. Handsome tree, much used for street p branches often pendulous; leaves colliantly in autumn.	lan or	tin br	g: il-
Each 10 5 to 6 ft\$1 25 \$10 00			
10 to 14 ft \$4 to 10 00 ench			
One of the best for street planting or	lo	r ti	ne
lawn; rapid growth, making a broad topped head; fine fall coloring.	, ro	un	d-
8 to 14 ft\$4 to \$8,00 each			
HHAMNUS duhurlen, Danurian Buch 15 to 30 ft.			- 1
Usually a large, thorny shrub with al black fruit.	ш	ıda	nt
Each 10 3 tn 4 ft \$ 40 \$3 60 4 to 5 ft 1 00 8 00			
RHODORA canadensis, Rhooora. Ito This is really an Azalea with bright rose flowers in May; will thrive in bog gard Each 10	e p len.	urp 100	
12 to 18 in\$1 25 \$10 00	\$9	00 (00
RHODOTYPOS kerrioides, JETAEAO. 3 Large pure white flowers in May o Shiny black and very showy seed.	to r .	6 f Jun	t. e.

Each

50

1 tn 2 ft. \$ 35

2 to 21/2 ft.

10

\$3 00

4 00

dry soil. Each 1 to 2 ft. \$ 40 \$3 20 glabra, Smooth Sumac. 4 to 15 ft. Fine sort, with showy fruit. Each 1 to 2 ft. \$ 35 \$3 20 2 to 3 ft. 4 00 ' 50 typhina, Staghorn Sumac. 15 to 30 st. Very showy erimson fruit, rapid grower, fine for massing where there is lots of room. Each 10 1 to 2 ft. Seedlings \$ 25 \$1 80 ROBINIA hispida, Rose-Acacia. 1 to 3 ft. Bright rose-colored or pale purple flowers. Each 10 1 to 2 ft. \$ 35 \$3 00 kelseyi, KELSEY LOCUST. 4 to 8 ft. A new species, discovered by us in the Carolina mountains. Bright pink or rose-colored flowers, resembling the sweet pea. Does well in dry or moist situations. Very graceful. Each 10 1 to 2 ft.\$1 00 \$8 00 viscosa, CLAMMY LOCUST. 15 to 40 ft. Bright rose-colored flowers in loose drooping racemes. Each 10 2 to 3 ft. \$ 75 \$6 00 ROSA acicularis, PRICKLY Rose. 2 to 6 ft. Flowers deep rose, fragrant in early spring.

Each

1 to 2 ft. \$ 60

10

\$5 00

RHUS copallina, Shining Sumac. 5 to 15 ft.

One of the finest foliaged plants of the genus and colors brilliantly in the fall. Does well in



Rosa spinosissima

HARLAN P. KELSEY, SALEM, MASSACHUSETTS

ROSA lucida, Lucioa Rose. 2 to 4 ft. One of the best; bright pink; dense growth.	SORBUS americana, AMERICAN MOUNTAIN-ASH. 15 to 30 ft.
Each 10 100 6 to 12 in \$ 25 \$ 200 \$18 00	Brilliant bright red fruit in big clusters. 3 to 4 ft\$1 00 each
1 to 2 ft 40 3 50 2 to 2½ ft 60 5 00 lucida alba, White Lucion Rose. 2 to 4 ft.	japonien (callosa). 2 to 4 ft. Dwarf white form for low edgings. Each 10
Very showy, pure white flowers and yellow stems.	12 to 15 in \$ 50 \$4 00 thunbergi, Thunberg Spiraea. 3 to 4 ft. Flowers cover the plant like a mantle of snow.
Each 10 100 6 to 12 in \$ 80 \$7 20 \$60 00 12 to 18 in 1 00 8 00	Ench 10 2 to 3 ft \$ 50 \$4 00
nitida, Bristly Rose. 2 to 6 ft. Hairy stems; deep pink flowers.	vanhouttei, Vanhoutte Spiraea. 5 to 6 ft. Graceful shrub, with arching branches; one of the best.
Each 10 12 to 15 in \$ 35 \$3 20 rugosa (ferox), RUGOSA ROSE. 4 to 8 ft.	Each 10 100 1 to 2 ft \$ 35 \$ \$3 20 \$ \$30 00 2 to 3 ft 50 4 00 32 \(\bullet 00 \)
Well-known hedge plant; fine large fruit. Each 10	Hort. var. of Spiraea. Anthony Waterer. 2 to 4 ft.
6 to 12 in	A good hedge plant, with dark reddish flowers. Each 10 6 to 12 in \$ 40 \$ 3 20
Large white flowers, with mass of yellow stamens. One of the choicest of ornamentals.	BILLIARD S. (billiardi). 4 to 6 ft. Bright pink flowers. July and Angust. Each 10
Each 10 100 12 to 18 in \$ 60 \$4 20 \$40 00 18 to 24 in 80 6 00 52 00	2 to 3 ft \$ 75 \$6 00 White Billiard (billiardi alba). White variety of preceding.
spinosissima altaica, ALTAI ROSE. 4 to 8 ft. More vigorous variety with large white flowers. Each 10 100	Each 10 18 to 24 in \$ 60 \$5 00
9 to 12 in. Seedlings \$ 40 \$3 50 \$30 00 RUBUS Inciniatus, Cutleaf Blackberry. 6 to	STEWARTIA pentagyna, Mountain Stewartia. 6 to 15 ft. This the goodled "American Camellia" is
12 ft. Straggling bush or vine, beautiful white or	This, the so-called "American Camellia" is one of the most rare and beautiful of all North American shrubs. Erect, well-foliaged, and
blush flowers, black fruit. Each 10 12 to 15 in \$ 40 \$3 00	with large, axillary flowers, 3 to 4 inches across, with white creamy petals, deeply creamlated in the margins, resembling the single Camellin.
odoratus, Flowering Raspbeary. 3 to 6 ft. Large rose-purple flowers and red fruit; very	June. Ench 10
large showy leaves. A fine undershrub and suitable for damp woods. Each 10	18 to 24 in\$1 50 \$12 50 2 to 2½ ft 2 00 18 00 SYMPHORICARPOS racemosus, COMMON
18 to 24 in \$ 35 \$3 20 SALIX, Willow.	SNOWHERRY. 3 to 5 ft. A native with very showy, pure white fruit
Our collection of Willows covers almost all the species that are planted in the Arnold Arbore-	hanging in large clusters until late winter. Each 10 100 2 to 3 ft \$ 60 \$ 5 00 \$ 40 00
tum, and we have others in smaller quantities, that have lately been discovered in China and elsewhere. Many of the Willows are charming	racemosus lacvigatus, GAROEN SNOWBERRY. 4 to 6 ft. Larger leaves and larger clusters of fruit than
dwarf and semi-prostrate shrubs, notably beautiful, with bright yellow, brown, and green branchlets, or sometimes covered with a	the preceding variety. Each 10
white bloom. The eatkins are extremely showy and range from tiny balls of down to	18 to 24 in \$ 60 \$5 00 vulgaris, Coralberry. 2 to 5 ft. The red or purplish fruit is produced in great
golden yellow.spikes. Most of them thrive both in dry soils or in very moist locations. The Federat Horticultural Board has quar-	profusion and hangs on till early spring, Each 10 100
antined interstate shipments of alt Willows and Poplars from this section claiming that the satin	2 to 3 ft \$ 60 \$5 00 \$40 00 3 to 4 ft 75 6 00 50 00 SYRINGA japonica, Japanese Tree Lilac. 20
moth has been found and that it is a dangerous insect; so although our stock is clean we are not allowed to ship it excepting in this district, and	to 30 ft. Large clusters of creamy white flowers in June
my customers are deprived of buying some of the choicest of all new rare and beautiful ornamentals. It is more profitable to hunt bugs than to grow	and July. Each 10 3 to 4 ft
plants. SAMBUCUS canadensis, American Eloer. 6	4 to 5 ft 1 00 8 00 persien, Persian Lilac. 5 to 10 ft. Flowers pale lilae. May or June.
to 12 ft. One of our showiest native shruhs with white	Each 10 12 to 15 in \$ 30 \$2 50
flowers in large flat-topped cymes; profuse black fruit in August and September. Each 10	vulgaris, Common Lilac. 15 to 20 ft. Blue or purple flowers in May. Each 10 100
1 to 2 ft \$ 35 \$3 20 2 to 3 ft 50 4 00	2 to 3 ft. elumps \$ 80 \$7 20 \$60 00 3 to 4 ft. elumps 1 25 10 00 90 00

SYRINGA vulgaris alba, Common White Lilac. 15 to 20 ft. Does not "sucker" from the ground like	VIBURNUM cassinoides, WITHE-ROD. 6 to 15 ft. Upright, white flowers and pink fruit, changing
vulgaris.	to dark blue. Each 10
Each 10 100	2 to 3 ft \$ 60 \$5 00
2 to 3 ft \$ 80 \$7 20 \$60 00 3 to 4 ft 1 25 10 00 90 00	3 to 4 ft 80 7 20
3 to 4 ft	4 to 5 ft
ft.	dentatum, Arrowwood. 4 to 10 ft.
Large heart-shaped leaves, turning yellow in autumn; flowers creamy white. A grand tree	Dense-growing; ereamy white flowers in late spring; berries blue-black. Each 10
for street or park. Each 10	3 to 4 ft. elumps \$ 75 \$6 00
4 to 6 ft	4 to 5 ft. clumps 1 25 10 00 VIBURNUM lantana, WAYFARING TREE. 10 to
eal	VIBURNUM lantana, WAYFARING TREE. 10 to 15 ft. Red fruit, changing to black.
tomentosa, Silver Linoen. 60 to 100 ft.	Each 10 100
Very distinct shade tree of pyramidal form; leaves silvery underneath.	1 to 2 ft \$ 75 \$6 00 \$50 00 2 to 3 ft 1 25' 10 00
Each 10 4 to 6 ft	lentago, Sheepberry. 8 to 15 ft.
6 to 8 ft 3 00 28 00	Glossy black fruit. Each 10
vulgaris (europaea), Common Linoen. 60 to	9 to 12 in \$ 35 \$3 20
120 ft. A large handsome tree, valuable for street and	1 to 2 ft 50 4 00
lawns.	2 to 2½ ft 75 6 00
10 to 18 ft. specimens \$10 to 35 00 cacb, ULM US americana, American Elm. 60 to 120 ft.	opulus, European Cranberrybush. 8 to 12 ft. Berries searlet, persistent until into winter. Each 10
One of our most stately trees for street, woods	1 to 2 ft \$ 60 \$5 00
or lawn.	2 to 3 ft 1 00 8 00 3 to 4 ft 1 50 12 00
Each 10 100 6 to 8 ft\$1 00 \$8 00 \$70 00 8 to 10 ft. 1¾ to 2	4 to 5 ft 2 00 18 00
in. eal 1 50 12 00 100 00	opulus nanum, DWARF CRANBERRYBUSH. 6 in. to 2 ft.
10 to 12 ft. 2 to 21/2	Dwarf, compact; suitable for rockeries or for
in. eal 2 00 18 00 160 00 12 to 14 ft. 2 to 2½	edgings to beds; very hardy.
in. eal 4 00 36 00 340 00	Each 10 6 to 12 in \$ 60 \$5 00
VACCINIUM corymbosum, Highnush Blue- berry. 4 to 12 ft.	12 to 18 in 1 25 10 00
Without doubt one of our finest shrubs for	18 to 24 in 1 75 16 00
border planting or with evergreens. Leaves turn crimson and claret in autumn. Fine	sieboldi, Siebold Viburnum. 6 to 10 ft. White flowers, May or June; fruit changing
clumps are offered.	from pink to bluish-black.
Ench 10 100	Each 10 18 to 24 in\$1 00 \$8 00
12 to 18 in \$ 80 \$7 50 \$60 00	2 to 3 ft 1 40 12 00
2 to 3 ft 1 50 12 00 100 00	tomentosum, JAPANESE DOUBLEFILE VIBUR-
3 to 4 ft 3 00 28 00 240 00 4 to 5 ft 4 00 36 00 340 00	NUM. 6 to 12 ft.
pallidam, Blueridge Bluenerry. 2 to 6 ft.	Lurge white flower-elusters; good foliage.
One of the choicest Blueberries from the	Each 10 3 to 4 ft
Sonthern Alleghanies. A splendid border shrub, which has fruit of extra quality.	
Each 10 100 3 to 6 in \$ 35 \$3 00 \$28 00	WEIGELA amabilis, Rose Weigela. 4 to 10 ft. Abundant flowers, changing from white or pale
18 to 24 in 75 6 00	pink to earmine. Each 10
A splendid species, with drooping clusters of	Each 10 12 to 18 in \$ 50 \$4 00
white flowers and large green and purple fruit.	rosen, Pink Weigela. 4 to 8 ft.
Each 10 9 to 12 in \$ 40 \$3 60	Flowers pink or deep rose. May or June.
VIBURNUM uluifolium (lantanoides), Hobble-	Each 10
nusn. 3 to 10 ft.	1 to 2 ft \$ 60 \$5 00
Lurge showy flowers and clusters of black fruit. Leaves large, conspicuous and color gorgeously	ZANTHORIHZA apiifolia, Yellowroot. 1 to 4 ft.
in early fall thru shades of yellow to deep	The finest American undershrub for planting
bronzes and reds. Each 10	under trees, along roadways, or where condi- tions of extreme moisture prevail. Finely cut
1 to 2 ft \$ 75 \$6 00	green folinge which turns orange and yellow in
nmericanum, American Cranberrybush. 8	autumn. Peculiar brown-purple flowers in
to 12 ft. Brilliunt searlet fruit, very persistent; finer	pendulous racemes appear early. Each 10 100
variety than Enropean Crenberrybush.	6 to 12 in. elumps . \$ 35 \$3 20 \$30 00
Each 10 1 to 2 ft \$ 60 \$5 00	12 to 18 in. clumps 50 4 00 32 00 18 to 24 in. clumps 80 7 20 60 00
1 00 M 101 1111111 4 00 40 00	- TO LO ME III. Clumps OU 1 MO OU OU

HARLAN P. KELSEY, SALEM, MASSACHUSETTS

VINES, CREEPERS AND CLIMBERS

The sizes immediately following the names indicate the hights attained of the Trees, Shrubs, and Plants in a wild state; under cultivation they usually reach and often exceed the lesser hight given.

often exceed the tesser hight given.
AMPELOPSIS (Vilis) heterophylla, TRICOLOR CREEPER.
Heartshaped leaves, deeply 3 to 5 lobed; very striking red, white and blue fruit. Each 10
1 to 2 ft \$ 45 \$4 00 2 to 2½ ft 75 6 00
quinquefolia, VIRGINIA CREEPER. Strong rambling vine with foliage coloring
beautifully in autumn; does not cling well. Each 10
2 to 3 ft \$ 50 \$4 00
quinquefolia engelmanni, Engelmann Creeper.
This is the clinging form of the well-known Virginia Creeper. The leaves are much
thinner and smaller than in the ordinary variety, the whole plant lacking the coarseness
that characterizes A. quinquefolia, and it
elings to walls like lvy. The fall coloring
is exceedingly brilliant and vastly superior to
the common form, which is not used where the new variety is known and can be had.
Each 10
12 to 18 in \$ 40 \$3 20
tricuspidata (veilchi). Japanese Creeper.
Well-known vine for covering walls, etc.,
sometimes called Boston lvy. Three-lobed leaves; shiny blue-black fruit.
16ab 10 100 1
9 to 12 in \$ 40 \$3 20 12 to 18 in 65 5 00 \$40 00
vitacea, Tincket Creeper.
Dark green serrate leaves; fruit bluish black.
Each 10
15 to 18 in \$ 75 \$6_00
CELASTRUS orbiculatus punctatus, CHRIST-
MAS BITTERSWEET.
Searlet, showy fruit, hanging until into Jan-
uary. A splendid vine for walls, trees, etc. Each 10 100
6 to 12 in \$ 25 \$1.80 \$15.00
1 to 2 ft
2 to 21/2 ft 50 4 00 32 00
CLEMATIS erispa, Curly CLEMATIS. 3 to 5 ft.
Purple bell-shaped flowers. June to Septem-
ber. Each 10
\$ 50 \$4 00
paniculata, PANICLED CLEWATIS. 15 to 30 ft.
Vigorous climber; the white fragrant flowers cover the plant in late summer.
Each 10 100 b
Heavy \$ 40 \$3 50 \$30_00
Heavy \$ 40 \$3 50 \$30,00 virginiana, Virginia Clematis. 10 to 20 ft.
Heavy \$ 40 \$3 50 \$30,00 virginiana, Virginia Clematis. 10 to 20 ft. Native elimber; hardy and graceful; white;
Heavy \$ 40 \$3 50 \$30,00 virginiana, Virginia Clematis. 10 to 20 ft.
Heavy \$ 40 \$3 50 \$30\00 virginiana, Virginia Clematis. 10 to 20 ft. Native elimber; hardy and graceful; white; fruit very showy. Each 10 \$ 40 \$3 50
Heavy
Heavy \$ 40 \$3 50 \$30\00 virginiana, Virginia Clematis. 10 to 20 ft. Native elimber; hardy and graceful; white; fruit very showy. Each 10 \$ 40 \$3 50

Each

12 to 15 in..... \$ 50

10

\$4 00

places.

```
EUONYMUS radienus, WINTERCREEPER. 15 to
    Shrubby vine, often reaching a hight of 20 feet:
    dark evergreen foliage. This takes the place
    of English Ivy in northern latitudes.
                         Each
                                   10
      Strong ..... $ 40
                                  $3 20
                                         $30 00
      Heavier .....
                            65
                                   6 00
                                          50 00
Hort, var. of E. radicans.
  ROUNDLEAF WINTERCREEPER (radicans carrierei).
    Larger foliage than the type, often assuming
    the shape of a shrub.
                         Each
      Strong
              .....$ 50
                                 $4 00 $36 00
  LARGELEAF WINTERCREEPER (radicans vegetus).
    Larger foliage, yellowish green a very line
    variety.
                          Ench
                                   10
      Strong ..... $ 50
                                 $4 00 $36 00
POLYGONUM baldschuanicum,
  FLERCEVINE.
    Rapid grower, covered with a sheet of white or
    pink-tinged flowers in long racemes.
      18 to 24 in.......$1 00 each
ROSA, Rosc.
    We can supply the lending varieties of climbing
    roses in strong plants.
                         Ench
                                   10
                         $1 00
                                 $8 40
                                         $75 00
    DOROTHY PERKINS, Light Pink.
    CRIMSON RAMBILER, Crimson.
    Excelsa, Crimson.
    PINK RAMBLER, Pink.
    QUEEN OF THE PRAIRIE, Bright pink, striped
        white.
    SILVER MOON, Silvery white, yellow center.
    YELLOW RAMBLER, Yellow.
    SETIGERA, Single deep rose.
    Tausendschon, Rosy carmine,
    TENNESSEE BELLE, Pink,
    VEILCHENBLAU, Reddish lilac.
    WINTE PERKINS, White.
    WICHURAIANA, Pure White, in clusters,
    and other standard varieties.
SCHIZOPHRAGMA hydrangeoides, Japanese
  HYDRANGRAVINE.
    Fine for tree trunks, walls, etc. Will eling to brick and stonework. Beautiful reddish bark.
    A remarkably line shrub.
      12 to 15 in......$1 50 each
VACCINIUM vitis-idaea, Cowberry.
    Prostrate evergreen trailer, rarely over three
    inches in hight; very hardy and fine for
    rockwork and covering sandy spots.
                         Each
                                  10
      3 to 6 in......$1 00
                                 $8 00
WISTERIA
            multijugu (blue), Longcluster
  WISTERIA.
    Japanese variety; light blue racemes 2 feet long.
      18 to 24 in......$1 00 each
  sinensis alba, White Chinese Wisteria
    One of the best old-fashioned sorts with flower
```

clusters about six inches long.

18 to 24 in......\$1 00 each



Dennstedtia (Dicksonia), Hayscented Fern

HARLAN P. KELSEY, SALEM, MASSACHUSETTS

The sizes immediately following the names indicate the hights attained of the Trees, Shrubs, and Plants in a wild state; under cultivation they usually reach and often exceed the lesser hight given.

Ferns

Prices of Ferns unless otherwise noted: \$.25 each; \$2.10 per 10; \$18.00 per 100.

ADIANTUM pedatum, American Maidenhair Fern. 8 to 20 in.

ASPLENIUM platyneuron (ebeneum), Ebony Spleenwort. 9 to 18 in. \$.10 each. trichomanes, Mainenhair Spleenwort. 3 to 8 in.

ATHYRIUM (Asplenium), filixfemina, Ladyfern. 16 to 40 in.

CYSTOPTERIS bulbifern, BERRY BLADOERFERN. 12 to 24 in.

fragilis, BRITTLEFERN. 4 to 12 in.

DENNSTEDTIA (Dieksonia) punetilobula, Ilayscenteo Fern.

Each 10 100 20 to 40 in..... \$ 20 \$1 80 \$16 00

DRYOPTERIS cristata, Gresteo Woodfern. 12 to 24 in.

goldicana, Goldie Fern.

Each 10
24 to 40 in...... \$ 40 \$3 60
(Aspidium) marginalis, Leather Woodfern, noveboracensis, New York Fern. 12 in. spinulosa, Tootheo Woodfern, 18 to 24 in. thelypteris, Marshern. 12 to 18 in.

LYGODIUM palmatum, Hartford Fern. Each 10

12 to 36 in..... \$ 50 \$4 50

POLYPODIUM vulgare, Common Polypody. 3 to 6 in.

POLYSTICHUM (Dryopteris) acrostichoides, Christmas Fern. 24 to 36 in.

PTERETIS (Onoclea) nodulosa, OSTRICII FERN. 24 to 48 in.

ONOCLEA sensibilis, Sensitive Fern. 6 to 12 in.

OSMUNDA cinnamomea, CINNAMON FERN.

Each 10 100
32 to 60 in...... \$ 40 \$3 60 \$32 00
claytoniana, CLAYTON FERN.
Each 10 100

24 to 36 in...... \$ 40 \$3 60 \$32 00 regalis, Royalfern.

Each 10 100

12 to 16 in...... \$ 40 \$3 60 WOODSIA obtusa, Common Woodsia.

8 to 20 in.

Hardy Herbaceous Perennials

In this list will be found a collection of hardy herbaceous perennials that will give a good succession of bloom from early spring to late autumn. Nearly all are of easy culture. The usual list of herbaceous perennials offered in American catalogs can be secured and shipped with other orders, so that customers may feel safe in getting full collections.

Prices of herbaccous perennials unless otherwise noted: \$.30 each; \$2.40 per 10; \$18.00 per 100.

ACTÆA rubra, Reo Baneberry. Searlet fruit.

Hardy Herbaceous Perennials (Continued)

ASTERS, in variety. 3 to 6 lt. White, blue, etc. Fall.

CALTHA palustris, Marshmarigold, 8 in. Yellow, April,

CHELONE glabra (alba), WHITE TURTLEHEAD, 2 to 4 ft. White, June.

Iyoni, PINK TURTLEHEAD, 2 to 4 ft. Pink. June.

CHRYSANTHEMUMS, hardy. 2 to 4 ft. Fall. coreanum, Korean Ghrysanthemum.

A new species from Koren introduced by Boxford-Highlands Nursery. Blooms very late, after first frosts; large white single flowers 1½ inches in diameter, turning to pink and purple shades. A remarkably fine low-growing plant to extend the flowering season almost into winter.

CIMICIFUGA racemosa, Conosii Bughane. 3 to 6 it. White, July.

GONVALLARIA majalis, LILY-OF-THE-VALLEY, 6 to 8 in. White, April to June.

CORNUS canadensis, BUNCHHERRY, "Collected" clumps. 4 to 8 in. Flowers white; berries bright red. April, Mny.



Cimicifuga racemosa. A charming perennial

\$32 00

CYPRIPEDIUM acquire, Pink Ladyslipper. 6 to 12 in. Lip rose-purple, rarely white. Large pink-purple flowers with thick clusters of leaves. May and June.

culifornicum, California Ladyslipper. 1 to

2 ft. White with greenish sepals.

Each 10 \$ 75 \$5 00

fasciculatum. 6 to 12 in.

Flowers greenish brown.

Each 10 \$ 75 \$6 00

montanum. 1 to 2 ft.

A delicate species from the northwest. Flowers purple and white in June.

Each 10 \$ 75 \$6 00

pubescens (hirsulum), Common Ladyslipper.

1 to 2 ft.

Bright yellow flowers called slippers, sometimes three to five on each stem.

Each 10 \$ 50 \$4 40

reginne (spectabilis), Showy Ladyslipper. 1 to 2 ft.

The handsomest and one of the rarest of hardy Orchids. The broadly ovate sepals and petals are pure white, while the large inflated pouch is a beautiful soft red rose-color. A strong grower, preferring peat soils. Succeeds well in the Rhododendron hed or in the bog. June and early July.

Per erown \$ 30 each

DICENTRA eximin, FRINGE BLEEDINGHEART. 12 to 18 in.

Pink; all snaimer.

**spectabilis, Bleedingueart. 3 ft. Purple and red. May. Each 10 \$ 75 \$6 00

DIONAEA immeripala, Venus Flytrap. 4 to 20 in. A most curious and rare insectivorous plant with extraordinary irritable leaves, furnished with sensitive huirs, which, when touched, induce the leaves to close forcibly, holding fast any venturesame insect. The small, white flowers are in clusters on the ends of stems 4 to 6 inches high. Very interesting for the winter garden and to study. Put in sandy loam or swamp moss, keeping moist, or plant outside with the Sarracenias and malch heavily in winter.

DROSERA rotundifolia, Roundleaf Sundew. 2 to 4 in. White, June.

GALAX uphyllu, Galax. A low ground-covering evergreen, with heart-shuped, creunte-toothed leaves of striking beauty, and white flowers borne on a graceful scape 12 to 18 inches high. The thick leaves turn brilliant shades of bronze, red, and crimson in autumn, remaining so through the winter. A remarkable graund-covering plant, particularly for use in the Rhododendron bed and shady banks.

GILLENIA (Porteranthus) stipulata, Indian Physic. 2 to 3 ft. Pink and white. July.

HABENARIA cillurls, Yellow Fringe-orchis. 12 tu 18 in. Bright yelluw. July.

HEMEROCALLIS, GOLD DUST, 2 tu 3 ft. Bronze-yellow. Mny, June.

dumortler! (sieboldi), EARLY DAYLILY. 2 ft. Yellow and bronze. June.

fulva (disticha), Olu-Fashioned Daylily. Fluwers orunge, July, August.

middendorfi, Amur Daylilly. 2 to 3 ft. Golden yellow. Junc.

thunbergl, Japanese Dayluly. 3 to 4 ft. Light yellow, June.

HEPATICA triloba (hepatica), ROUNDLOBE HEPATICA. Seapes 4 to 6 in. Flowers earliest spring.

HOSTA (Funkia) Inneifolia, Lanceleaf Daylily. 12 to 18 in. Light blue. July, August.

Hort. var. of Hosta.

BIG COMMON DAYLILY (plantaginea grandiflora). 12 to 18 in. White. August.

IIYDRASTIS canadensis, Goldenseal. 4 to 12 in. White. May.

IRIS cristata, CREST IRIS. 3 to 6 in. Light blue. . May.

germanica, GERMAN IRIS. Mixed varieties. 1 to 3 ft. May, June.

kaempferi, Japanese Iris. 2 to 3 ft. Leaves 1 to 1½ ft. Flowers blue, violet, etc., sometimes white, spreading 3 to 5 inches across. June to August.

pscudacorus, Common Yellow Iris. 3 to 4 ft. Bright yellow. May, June.

verna, Vernal Iris. 6 to 8 in. Blue. April, May.

versicolor (virginica), Common Blue Iris. 2 to 3 ft. Blue. May, June.

Hort, var. of Iris sibirica.

Snow Queen, 12 to 18 in. White, May.

LAMIUM maculatum (album), Spotted Dead-NETTLE. Straggling or half trailing perennial. Flowers I inch long.

LIATRIS spicata, Spike.Gayfeather. 2 to 3 ft. Rose-purple. September.

Yellow or orange, usually spotted with brown.

July. Loves deep, rich soil and shade, but stands open sun well.

enrolinianum, CAROLINA LILY. 1 to 3 ft. Rare species of recurved type. Flowers orange, very fragrant, one to three on a stem. Stands dry conditions well.



Lilium canadense

HAIRILAN P. KELSEY, SALEM, MASSACHUSETTS



(Foto by H. P. K.) Iris cristata as a Rockery Plant

LILIUM grayi, GRAYS LILY. 1½ to 3 ft. Introduced by me in 1888, it has proved the leader in the bell-shaped type of hardy Lilies. Dark red-brown petals, beautifully spotted. Bulbs are never very large.

100 1000 1st size \$1 25 \$10 00 \$80 00



Lilium grayi

LILIUM superbum, American Turkscap Lily. 3 to 6 ft. No description will do justice to this magnificent American Lily. Golden, recurved petals, flowering in perfect pyramids, often forty on a single stalk. A chump is literally a blaze of searlet and gold.

10 100 1000 1st size\$1 00 \$8 00 \$60 00 tigrimum, Tiger Lu.y.
Flowers bright salmon-red, spotted purplish-

black, anthers red. August to September. One of the hardiest, most permanent and most easily grown of all Lilies. Very beautiful.

Each 10 100

10 \$3 20 \$28 00 \$0 40



Lilium superbum.

Tens of thousands annually.



Bloodroot. One of our earliest Spring Flowers

LYSIMACHIA ummmularia, Moneywort. 2 to 4 in. Bright yellow. June.

PAEONIA, PEONY, in variety. Spring and early summer. Each 10 100 clumps \$1 00 \$8 60 \$80 00 PHLOX subulata, Moss Phlox. 3 to 4 in.

PHLOX subulata, Moss Phlox. 3 to 4 in.
Pink and purple. April, May.

subulata alba, Wинте Moss Ридох. 3 to 4 in. April, May.

PONTEDERIA cordnin, Pickerelweed. 12 in. Violet-blue. July to September.

SANGUINARIA canadensis, Bloodroot. (Sanguinarin is shipped entirely at consignee's risk.)

SANGUISORBA canadensis, American Burnet. 2 to 4 ft. White, September.

SARRACENIA drummondi, Drummond Pitcherplant. 10 to 32 in. Flowers greenish purple to deep purple. Each 10

Havn, Trumper Pitcherplant. 10 to 34 in. Flowers Havons yellow. Each 10

mlnor (variolaris), Hooded Pitcherplant, 8 to 24 in. Flowers with pale yellow petals.

Each 10 \$ 40 \$3 60

psittaelina, Parrot Pitcherplant. 2 to 6 in. Flowers greenish purple to purple.

Each 10 \$ 40 \$3 60

purphren, Common Pitcherplant. 2 to 10 in. Flowers greenish purple to purple.

Each 10
S 40 \$3 60
ruben, Sweet Pitcherplant, 6 to 20 in.
Flowers crimson; seent of sweet violets.

 SEMPERVIVUM californicum. Rosettes 2 in. diameter; flowers pale red.

fimbriatum, FRINGED HOUSELEEK. 2 to 4 in. Rosettes 1 to 1½ in. diameter; flowers bright red.

globiferum, Globe Houseleek. Rosettes 1½ to 3 in. diameter; flowers pale yellow.

tectorum (robustum), Roof Houseleek. 1 ft. Rosettes 3 to 4 in. diameter; flowers pale red.

SHORTIA galacifolia, Oconee-bells. 6 to 8 in. The daintiest of rare plants, with clusters of large, wavy leaves, from which flower stems rise, bearing white or pink flowers, with crimpled petals in early April. Thrives best in Rhododendron_bed. Leaves colored rich bronze in fall.

Each 10 \$ 75 \$6 00

SOLIDAGO, in variety, GOLDENROD. 1 to 5 ft, Yellow. Fall.

STENANTHIUM, robustum, Featherfleece.

3 to 5 ft. Tall, with extremely showy panicles often 2 feet long. The pure white flowers are borne on graceful compound panicles, often 2 to 3 feet long. A clump of these plants makes a show equaled by few herbaceous plants of any description. In northern latitudes it thrives best along stream or pond or in other moist locations.

STOKESIA laevis (cyanea), Stokesia. 1 to 2 ft. Blue. August to October.

THERMOPSIS caroliniana, Carolina Thermopsis. 4 to 6 ft. Yellow. June, July.

TRILLIUM grandiflorum, Snow Trillium. 8 to 18 in. The finest and largest species. Flowers 2 to 3 inches across; in April and May. One of our best early spring flowers; white torning rose color or marked with green.

15ach 10 100 1000 1st size \$ 20 \$ 60 \$5 00 \$35 00

TYPHA Intifolia, Common Cattail. 3 to 6 ft.

VIOLA corneta, Tufted Pansy, in variety. Fine colors. May to August.

pedata, Birdsroot Violet. 3 to 5 in. Purple May to August.

Hort var. of V. pedata.

Pansy (bicolor), 3 to 5 in. Purple, two upper petals deep violet.

YUCCA flaceida, WEAKLEAF YUCCA. 3 to 5 ft. White. June, July.

Each 10 elumps\$1 00 \$8 00



HARLAN P. KELSEY, Owner, SALEM, MASSACHUSETTS

BOXFORD—HIGHLANDS NURSERY

EAST BOXFORD, MASS.



Trillium grandiflorum



Rhododendron catawbiense massed around colonial building in Salem, Mass. Low ferns and evergreens for edgings. Planted by Harlan P. Kelsey



Leiophyllum prostratum as a rockery plant in Massachusetts

THE SUCCESSFUL RHODODENDRON BED

By Harlan P. Kelsey

This includes Rhododendrons, Kalmias, Azaleas, Leucothoes, Blueberries and other cricaceous genera, and similar native and exotic plants and often such "fillers" as Ferns, Lilies, etc., most of which delight in acid soil conditions, and which are usually grouped together to make what is termed the "Rhododendron Bed."

This class of plants is most at home in somewhat shady and damp situations, and in a porous soil supplying plenty of humus and always showing more or less acid reaction. Limestone (alkaline) soils must be avoided, as a majority of cricaccous plants (Rhododendrons, Azaleas, Blueberries, etc.) are rarely if ever found growing naturally under such soil conditions. Sandy loam is favorable, but in all cases continuous supply of humus should be provided.

Mulching. This means that the Rhododendron bed should have annually a heavy mulch of hardwood leaves, which is left on the year round to decay. Mulching also keeps the ground cool in summer and warm in winter and protects the line feeding rootlets of the plants. Removing the mulching in spring to make the beds "look better" is one of the greatest causes of non-success in growing Rhododendrons and similar plants. No expert gardener would ever think of so doing.

Preparation of Bed. Unless conditions are naturally favorable, excavate 2 to 3 feet and fill with woods mold, "Kalmia peat," good loam, rotted field-sods, and perhaps a third in bulk of swamp muck or peat, or similar soils. Make a tenth part of the mixture sharp sand, especially where the soil is too clayey. The center of the bed or plantation may be raised 6 to 12 inches above surrounding ground, after allowing for natural settling.

Planting. Plant the same depth as before (shown by earth line, or "collar" on stem) and firmly press soil around roots with the foot, but don't pack the earth loo solid—Rhododendrons are not telegraph poles. "Fillers," including Lilies and other bulbs and smaller ground-covering species, should be planted after the larger plants are all in and properly spaced. Then soak the ground and apply the mulching.

Winter Protection. If convenient, protect them with pine or other evergreen boughs, particularly where exposed to the sun and wind; yet Rhododendrons rarely suffer in the latitude of Boston or Buffalo, if properly planted and mulched. In the latitude of Ottawa and Quebec, Canada, a board fencing may be placed around the edge of the bed and much heavier temporary mulching of straw, etc., filled in almost or quite to the tops of the plants. It is rarely necessary to build a board cover, except on southern exposures to prevent sunburn, or with tender varieties not suitable for general planting, and even then evergreen boughs are preferable. Good ventilation must be provided.

Selecting the Location. For the Rhododendron bed, a northern exposure is preferable, especially in low elevation in the South, or elsewhere where freezing and thawing is quite continual. A direct winter sun on the frozen leaves of any broadleaf evergreen often kills outright or spoils the foliage. The north side of the building, wall, woods or hill is always preferable, and windswept locations should be avoided, unless proper measures are taken to check the heavy winds.

In Limestone Soils. Excavation is imperative and fresh soil showing acid reaction substituted. This can be successfully done. A striking example is shown in Highland Park, Rochester, New York, where one of the most beautiful Rhododendron and Azalea beds in America has been constructed and planted in a location originally of a heavy limestone nature. Blueberry culture is not a success in limestone soils.

Enemies of the Rhododendron. Rhododendrons, Kalmias and similar plants have few enemies. The only serious one I know is the Lace-wing Fly, which is native from New England throughout the Alleghanies, and is found on Kalmia angustifolia, Rhododendron maximum, Kalmia latifolia and occasionally on almost any broadleaf evergreen or deciduous tree or shrub. This pest appears in early spring on the under side of the leaves and gets its sustenance by sueking the sap. The leaves turn brown, giving the plant a ragged, unkempt appearance. It is easily disposed of by spraying the under side of the leaves, using a very fine nozzle, with an emulsion of ten gallons of whale-oil soap to one hundred gallons of water. While the Lace-wing Fly is more at home on Rhododendron maximum, it does not hesitate to attack all other species to a greater or less extent. Plants in the shade are rarely infested to any great degree.

The Use of "Fillers." For the best landscape effects, as well as providing a continual succession of bloom throughout the season, and actually protecting the Rhododendrons and supplying "feathered" edge to the ground, a large variety of shrubs and plants may be employed with the finest results. In fact, the planting of Rhododendrons without the use of "filler" or "edging" plants may give larsh, formal effects, which are neither desirable nor natural in any way. In the use of "fillers" great care must be taken as to

time of blooming and color effects, so they do not clash. It is surprising how many "filler" plants can be used without detracting from the broad evergreen effect, and yet supplying an amazing amount of interesting detail and a continuous show of blossoms against a beautiful Rhododendron leaf background.

Some of the Best "Fillers" and "Edging" Plants. Andromeda polifolia, Chamaedaphne calyculata (Leatherleaf), Leiophyllum buxifolium, L. prostratum, Hex glabra (Inkberry), Leucothoe catesbaei, Pieris floribunda, Taxus canadensis (Canada Yew), Gaiax aphylla, Gaultheria procumbens, Houstonia (Bluets), Mitchella repens



(Partridgeberry), Shortia galacifolia (Oconee-bells), Vinea minor (Periwinkle), Zanthorhiza apiifolia (Yellowroot), Lilies, Trilliums, Erythroniums (Dogtooth Violets), Ferns in great variety, Violets, Dieentra eximea (Fern Bleedingheart), Iris in great variety, particularly pseudacorus and Japanese; Azaleas in variety; Ilex verticillata, Aronias (Chokeberry) in variety and many other "berry-bearing" shrubs.

Jonquils and other spring bulbs may be used freely in the borders of plantations with charming results.

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GLAD-IRIS GARDENS

BELTSVILLE, MD.

KEMP'S VARIETIES

Each	Doz.	100
Pink Wonder	\$12.00	\$88.00
White Wonder	12.00	88.00
Albania	8.00	60.00
Early Snowflake	3.50	25.00
Buttercup	.70	4.75

We can quote prices on planting sizes and bulblets of the above five varieties.

	Each	6	12
Sweetheart	50	\$2.50	\$4.75
Aviatrix	60	3.00	5.50

From

HARLAN P. KELSEY

Hardy American Plants

Salem, Massachusetts

Boxford—Highlands Nursery